```
from tkinter import*
from tkinter import messagebox
import mysql.connector
from PIL import Image,ImageTk
import os
import subprocess
global s
s=[]
pass1="123"
mydb=mysql.connector.connect(user="root",host="localhost",password="LFCOMP@107",data
base="school_database")
mycursor=mydb.cursor()
root=Tk()
root.title("Little Flower Administration")
root.geometry("1800x1000")
ico_img=PhotoImage(file="logo.png")
root.iconphoto(False,ico_img)
root.wm_title("SCHOOL MANAGEMENT")
sc_image=PhotoImage(file="lfsimage4.png")
sc_im_label=Label(image=sc_image)
sc_im_label.place(x=0,y=0,height=1000,width=1500)
sc_name=Label(text="          LITTLE    FLOWER   SCHOOL
",bg="lightpink",border=15,relief="sunken",font=("Times New Roman",45))
sc_name.place(x=150,y=20)
st_name=Label(text="  Name  ",bg="lightgreen",border=4,relief="ridge",font=("Times New
Roman",20))
st_name.place(x=300,y=300)
st_name_entry=Entry()
st_name_entry.focus_set()
st_name_entry.place(x=430,y=307)
ad_no=Label(text="Admission No.",bg="lightgreen",border=4,relief="ridge",font=("Times New
Roman",20))
ad_no.place(x=300,y=380)
ad_no_entry=Entry()
ad_no_entry.place(x=500,y=387)
```

```
def home_submit_command():
 '''Here 2 conditions will be there that if the student is already registered,
we will show its details(show_deatails) otherwise we will ask him to register(new_register).'''
 name=st_name_entry.get()
 adm=ad_no_entry.get()
 mycursor.execute("select* from students")
 s=[]
 for i in mycursor:
  if str(i[0])==str(name) and str(i[3])==str(adm):
    s=list(i)
  elif s==[]:
      s=[]

 if s!=[]:

       #if data exists:
      #students_details:
       root_i=Toplevel()
       root_i.geometry("1800x1000")
       root_i.configure(bg="lightblue")
       root_i.title("Student's Information")
       st_im_resize=Image.open("student.png").resize((340,340))
       stu_im=ImageTk.PhotoImage(st_im_resize)
       st_im_label=Label(root_i,image=stu_im,border=8,relief="sunken")
       st_im_label.place(x=120,y=310,height=340,width=340)
       sc_name=Label(root_i,text="        STUDENT'S INFORMATION
",bg="pink",border=15,relief="sunken",font=("Times New Roman",45))
       sc_name.place(x=200,y=20)
       dis_Name=Label(root_i,text=" Name
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
       dis_Name.place(x=550,y=280)

dis_name=Label(root_i,text=str(s[0]),bg="lightyellow",border=4,relief="ridge",font=("Times
New Roman",20))
       dis_name.place(x=665,y=280)
```

```
    dis_Class=Label(root_i,text=" Class: ",bg="lightgreen",border=4,relief="ridge",font=("Times
New Roman",20))
    dis_Class.place(x=550,y=350)
    dis_class=Label(root_i,text=s[1],bg="lightyellow",border=4,relief="ridge",font=("Times
New Roman",20))
    dis_class.place(x=665,y=350)
    dis_Roll=Label(root_i,text=" Roll No.",bg="lightgreen",border=4,relief="ridge",font=("Times
New Roman",20))
    dis_Roll.place(x=550,y=420)
    dis_roll=Label(root_i,text=s[2],bg="lightyellow",border=4,relief="ridge",font=("Times New
Roman",20))
    dis_roll.place(x=670,y=420)
    dis_Fathername=Label(root_i,text=" Father's Name:
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
    dis_Fathername.place(x=550,y=490)

dis_fathername=Label(root_i,text=s[4],bg="lightyellow",border=4,relief="ridge",font=("Times
New Roman",20))
    dis_fathername.place(x=750,y=490)
    dis_Address=Label(root_i,text=" Address:
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
    dis_Address.place(x=550,y=560)
    dis_address=Label(root_i,text=s[5],bg="lightyellow",border=4,relief="ridge",font=("Times
New Roman",20))
    dis_address.place(x=685,y=560)
    #commands for result of student
    def result_command():
      k=list(s[6])
      root_m=Tk()
      root_m.configure(bg="lightgrey")
      root_m.geometry("1800x1000")
      root_m.title("Student's Report Card")
      report_label=Label(root_m,text="              Student's Report Card
",bg="pink",border=15,relief="sunken",font=("Times New Roman",45))
      report_label.place(x=180,y=20)
      ################################
```

```
        #Commands for headings and subject names
        subject_label=Label(root_m,text=" Subject
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
        subject_label.place(x=80,y=200)
        total_mark=Label(root_m,text=" Total Marks
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
        total_mark.place(x=280,y=200)
        mark_got=Label(root_m,text=" Marks Got
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
        mark_got.place(x=540,y=200)
        percent_label=Label(root_m,text=" Percentage
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
        percent_label.place(x=760,y=200)
        eng_label=Label(root_m,text=" English
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        eng_label.place(x=80,y=320)
        math_label=Label(root_m,text=" Mathematics
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        math_label.place(x=80,y=400)
        physics_label=Label(root_m,text=" Physics
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        physics_label.place(x=80,y=480)
        chemistry_label=Label(root_m,text=" Chemistry
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        chemistry_label.place(x=80,y=560)
        computer_label=Label(root_m,text=" Computer
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        computer_label.place(x=80,y=640)
        ######################################
        #commands for total marks
        total_m=100
        english_total=Label(root_m,text=" "+str(total_m)+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        english_total.place(x=320,y=320)
        math_total=Label(root_m,text=" "+str(total_m)+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
```

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        math_total.place(x=320,y=400)
        physics_total=Label(root_m,text=" "+str(total_m)+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        physics_total.place(x=320,y=480)
        chemistry_total=Label(root_m,text=" "+str(total_m)+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        chemistry_total.place(x=320,y=560)
        computer_total=Label(root_m,text=" "+str(total_m)+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        computer_total.place(x=320,y=640)
        ########################################
        #commands for marks got
        eng=k[0]+k[1]
        math=k[3]+k[4]
        physics=k[6]+k[7]
        chemistry=k[9]+k[10]
        comp=k[12]+k[13]
        english_got=Label(root_m,text="  "+eng+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        english_got.place(x=570,y=320)
        math_got=Label(root_m,text="  "+math+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        math_got.place(x=570,y=400)
        physics_got=Label(root_m,text="  "+physics+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        physics_got.place(x=570,y=480)
        chemistry_got=Label(root_m,text="  "+chemistry+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        chemistry_got.place(x=570,y=560)
        computer_got=Label(root_m,text="  "+comp+"
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        computer_got.place(x=570,y=640)
        ########################################
        #commands for percentage got for each subject
        e=(int(eng)/int(total_m))*100
        m=(int(math)/int(total_m))*100
```

```
        p=(int(physics)/int(total_m))*100
        c=(int(chemistry)/int(total_m))*100
        co=(int(comp)/int(total_m))*100
        english_per=Label(root_m,text="  "+str(e)+"%
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        english_per.place(x=780,y=320)
        math_per=Label(root_m,text="  "+str(m)+"%
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        math_per.place(x=780,y=400)
        physics_per=Label(root_m,text="  "+str(p)+"%
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        physics_per.place(x=780,y=480)
        chemistry_per=Label(root_m,text="  "+str(c)+"%
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        chemistry_per.place(x=780,y=560)
        computer_per=Label(root_m,text="  "+str(co)+"%
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        computer_per.place(x=780,y=640)
        ##########################################
        #commands for total percentage
        tp=((e+m+p+c+co)/(total_m*5))*100
        tp_label=Label(root_m,text="  Total Percentage
",bg="red",border=4,relief="ridge",font=("Times New Roman",20))
        tp_label.place(x=900,y=420)
        tp_val=Label(root_m,text=" "+str(tp)+"
",bg="purple",border=4,relief="ridge",font=("Times New Roman",20))
        tp_val.place(x=1150,y=420)
        ##########################################
        #command for back button(to exit)
        def res_back_command():
            root_m.destroy()
        back_b=Button(root_m,text=" Back
",command=res_back_command,bg="grey",border=5,relief="groove",font=("Times New
Roman",15))
        back_b.place(x=1200,y=640)
        root_m.mainloop()
```

```
    #main result button
    dis_result_button=Button(root_i,command=result_command,text=" Result
",bg="lightgrey",border=5,relief="groove",font=("Times New Roman",17))
    dis_result_button.place(x=550,y=640)
    def fee_command():
      root_f=Tk()
      root_f.configure(bg="peach puff")
      root_f.geometry("1800x1000")
      root_f.title("Student's Fee Status")
      fee_label=Label(root_f,text="            Student's   Fee   Status
",bg="lightgreen",border=15,relief="sunken",font=("Times New Roman",45))
      fee_label.place(x=200,y=20)
      name=s[0]
      adm=s[3]
      first=s[7][0]
      second=s[7][2]
      third=s[7][4]
      fourth=s[7][6]
      st_name_label=Label(root_f,text=" Name
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
      st_name_label.place(x=250,y=250)
      st_name=Label(root_f,text="  "+name+"
",bg="lightpink",border=4,relief="ridge",font=("Times New Roman",20))
      st_name.place(x=380,y=253)
      st_adm_label=Label(root_f,text="  Addmission No.
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
      st_adm_label.place(x=250,y=330)
      st_adm=Label(root_f,text=" "+str(adm)+"
",bg="lightpink",border=4,relief="ridge",font=("Times New Roman",20))
      st_adm.place(x=500,y=333)
      first_in_label=Label(root_f,text=" 1st Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
      first_in_label.place(x=250,y=410)
      if first=="1":
        first_in=Label(root_f,text=" Paid ",border=4,bg="lightpink",relief="ridge",font=("Times
New Roman",20))
```

```
            first_in.place(x=470,y=413)
          else:
            first_in=Label(root_f,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            first_in.place(x=470,y=413)
          second_in_label=Label(root_f,text=" 2nd Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
          second_in_label.place(x=250,y=480)
          if second=="1":
            second_in=Label(root_f,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            second_in.place(x=470,y=483)
          else:
            second_in=Label(root_f,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            second_in.place(x=470,y=483)
          third_in_label=Label(root_f,text=" 3rd Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
          third_in_label.place(x=250,y=560)
          if third=="1":
            third_in=Label(root_f,text=" Paid ",border=4,bg="lightpink",relief="ridge",font=("Times
New Roman",20))
            third_in.place(x=470,y=563)
          else:
            third_in=Label(root_f,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            third_in.place(x=470,y=563)
          fourth_in_label=Label(root_f,text=" 4th Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
          fourth_in_label.place(x=250,y=640)
          if fourth=="1":
            fourth_in=Label(root_f,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            fourth_in.place(x=470,y=643)
          else:
```

```
            fourth_in=Label(root_f,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
            fourth_in.place(x=470,y=643)
          def fees_back_command():
              root_f.destroy()
          fees_back_button=Button(root_f,text=" Back
",command=fees_back_command,bg="grey",border=5,relief="groove",font=("Times New
Roman",15))
          fees_back_button.place(x=1300,y=600)
      #main fee button
      dis_fee_button=Button(root_i,command=fee_command,text=" Fee Status
",bg="lightgrey",border=5,relief="groove",font=("Times New Roman",17))
      dis_fee_button.place(x=710,y=640)

      ###########################
      #functions for study material button
      def study_material_command():
        file_path = "project_study_mat.pdf"
        os.startfile(file_path)
      #main study button
      dis_study_material=Button(root_i,command=study_material_command,text=" Study
Material ",bg="lightgrey",border=5,relief="groove",font=("Times New Roman",17))
      dis_study_material.place(x=910,y=640)
      def back_command():
          root_i.destroy()
      #back button from student's information
      dis_back=Button(root_i,command=back_command,text=" Back
",bg="grey",border=5,relief="groove",font=("Times New Roman",15))
      dis_back.place(x=1200,y=670)
      root_i.mainloop()

 else:
    #if data does not exists:
    #new_registration:
    not_reg=Label(text="Sorry! you are not registered with our school
server.",bg="lightyellow",border=4,relief="ridge",font=("Times New Roman",20))
```

```
not_reg.place(x=200,y=550)
def new_registration():
  root_p=Tk()
  root_p.geometry("250x120")
  root_p.resizable(width="False",height="False")
  root_p.title("Admin Verification")
  pass_label=Label(root_p,text="Password")
  pass_label.place(x=30,y=30)
  pe=Entry(root_p)
  pe.place(x=90,y=33)
  def p_sub():
   if pe.get()==pass1:
     root_p.destroy()
     not_reg.destroy()
     new_reg_ask.destroy()
     root_n=Tk()
     root_n.geometry("1800x1000")
     root_n.title("New Registration")
     root_n.configure(bg="lightgreen")
     new_reg=Label(root_n,text="       NEW REGISTRATION FORM
",bg="pink",border=15,relief="groove",font=("Times New Roman",45))
     new_reg.place(x=200,y=20)
     st_name=Label(root_n,text="       Name
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
     st_name.place(x=250,y=250)
     st_name_entry2=Entry(root_n)
     st_name_entry2.place(x=455,y=259)
     st_class=Label(root_n,text="       Class
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
     st_class.place(x=250,y=320)
     st_class_entry=Entry(root_n)
     st_class_entry.place(x=455,y=329)
     st_roll=Label(root_n,text="      Roll No.
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
     st_roll.place(x=250,y=390)
```

```
        st_roll_entry=Entry(root_n)
        st_roll_entry.place(x=455,y=399)
        st_adm=Label(root_n,text=" Admission No.
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        st_adm.place(x=250,y=460)
        st_adm_entry=Entry(root_n)
        st_adm_entry.place(x=455,y=469)
        st_father=Label(root_n,text="  Father's Name
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        st_father.place(x=250,y=530)
        st_father_entry=Entry(root_n)
        st_father_entry.place(x=455,y=539)
        st_address=Label(root_n,text="      Address
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
        st_address.place(x=250,y=600)
        st_address_entry=Entry(root_n)
        st_address_entry.place(x=455,y=609)
        def reg_submit():
            new_name=st_name_entry2.get()
            new_class=st_class_entry.get()
            new_roll=st_roll_entry.get()
            new_adm=st_adm_entry.get()
            new_fname=st_father_entry.get()
            new_address=st_address_entry.get()
            print(new_name)
            query="insert into students(name,class,adm,roll,fname,address,marks,fee)
values(%s,%s,%s,%s,%s,%s,%s,%s)"

mycursor.execute(query,(new_name,int(new_class),int(new_adm),int(new_roll),new_fname,ne
w_address,"00 00 00 00 00","0 0 0 0"))
            mydb.commit()
            messagebox.showinfo("Information","Data Successfully Registered!",parent=root_n)
        new_reg_submit=Button(root_n,text=" Submit
",command=reg_submit,bg="grey",border=5,relief="groove",font=("Times New Roman",15))
        new_reg_submit.place(x=380,y=650)
```

```
        def back_command():
            root_n.destroy()
        dis_back=Button(root_n,command=back_command,text=" Back
",bg="grey",border=5,relief="groove",font=("Times New Roman",15))
        dis_back.place(x=1250,y=650)
        root_n.mainloop()
      else:
         wr_pass=Label(root_p,text="Invalid Password!")
         wr_pass.place(x=45,y=85)


     pb=Button(root_p,text="Submit",command=p_sub)
     pb.place(x=55,y=60)


    new_reg_ask=Button(text="Register yourself Now!",command=new_registration)
    new_reg_ask.place(x=300,y=600)
    new_reg_ask.configure(bg="light grey",font=("wide latin",9),relief="solid",border=6)
submit_button=Button(text="Submit",font=("Times New
Roman",17),border=4,relief="groove",command=home_submit_command)
submit_button.place(x=435,y=465)
#########################################
#########################################
#########################################
#commands for admin mode-this mode is for the school teachers and office members to
manage,modify,add students data,etc
def admin_command():
   root_p=Tk()
   root_p.geometry("250x120")
   root_p.resizable(width="False",height="False")
   root_p.title("Admin Verification")
   pass_label=Label(root_p,text="Password")
   pass_label.place(x=30,y=30)
```

```
    pe=Entry(root_p)
    pe.place(x=90,y=33)
    def p_sub():
        if pe.get()==pass1:
            root_p.destroy()
            root_ad=Tk()
            root_ad.title("Admin Mode")
            root_ad.configure(bg="lightblue")
            root_ad.geometry("1800x1000")
            ad_head=Label(root_ad,text="            Administrative  Mode
",bg="lightgreen",border=15,relief="sunken",font=("Times New Roman",45))
            ad_head.place(x=250,y=20)
            #commands for show students
            def show_student():
                root_stu=Tk()
                root_stu.configure(bg="lightpink")
                root_stu.title("All Students Data")
                scrollbar=Scrollbar(root_stu)
                scrollbar.place(x=1280,y=10,height=750,width=20)
                x1=0
                y1=0
                mycursor.execute("select* from students")
                for i in mycursor:
                    p="Name:"+i[0]+" ,Class:"+str(i[1])+" ,Roll No.:"+str(i[2])+" ,Admission
No.:"+str(i[3])+" ,Father's Name:"+i[4]+" ,Address:"+i[5]
                    st=Label(root_stu,text=p,bg="lightgreen",border=4,relief="ridge",font=("Times New
Roman",15))
                    st.place(x=x1,y=y1)
                    y1+=40
                root_stu.mainloop()
            #button to show students
            show_st_Button=Button(root_ad,text=" SHOW STUDENTS
",command=show_student,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
            show_st_Button.place(x=150,y=150)
            #commands for add student
```

```
def add_student():
    root_n=Tk()
    root_n.geometry("1800x1000")
    root_n.title("New Registration")
    root_n.configure(bg="lightgreen")
    new_reg=Label(root_n,text="       NEW REGISTRATION FORM
",bg="pink",border=15,relief="groove",font=("Times New Roman",45))
    new_reg.place(x=200,y=20)
    st_name=Label(root_n,text="       Name
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_name.place(x=250,y=250)
    st_name_entry2=Entry(root_n)
    st_name_entry2.place(x=455,y=259)
    st_class=Label(root_n,text="       Class
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_class.place(x=250,y=320)
    st_class_entry=Entry(root_n)
    st_class_entry.place(x=455,y=329)
    st_roll=Label(root_n,text="      Roll No.
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_roll.place(x=250,y=390)
    st_roll_entry=Entry(root_n)
    st_roll_entry.place(x=455,y=399)
    st_adm=Label(root_n,text=" Admission No.
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_adm.place(x=250,y=460)
    st_adm_entry=Entry(root_n)
    st_adm_entry.place(x=455,y=469)
    st_father=Label(root_n,text="  Father's Name
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_father.place(x=250,y=530)
    st_father_entry=Entry(root_n)
    st_father_entry.place(x=455,y=539)
    st_address=Label(root_n,text="       Address
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
    st_address.place(x=250,y=600)
```

```
            st_address_entry=Entry(root_n)
            st_address_entry.place(x=455,y=609)
            def reg_submit():
                new_name=st_name_entry2.get()
                new_class=st_class_entry.get()
                new_roll=st_roll_entry.get()
                new_adm=st_adm_entry.get()
                new_fname=st_father_entry.get()
                new_address=st_address_entry.get()
                print(new_name)
                query="insert into students(name,class,adm,roll,fname,address,marks,fee)
values(%s,%s,%s,%s,%s,%s,%s,%s)"

mycursor.execute(query,(new_name,int(new_class),int(new_adm),int(new_roll),new_fname,ne
w_address,"00 00 00 00 00","0 0 0 0"))
                mydb.commit()
                messagebox.showinfo("Information","Data Successfully Registered!",parent=root_n)
            new_reg_submit=Button(root_n,text=" Submit
",command=reg_submit,bg="grey",border=5,relief="groove",font=("Times New Roman",15))
            new_reg_submit.place(x=380,y=650)


            def back_command():
                root_n.destroy()
            dis_back=Button(root_n,command=back_command,text=" Back
",bg="grey",border=5,relief="groove",font=("Times New Roman",15))
            dis_back.place(x=1300,y=670)
            root_n.mainloop()
        #button to add students
        add_st_Button=Button(root_ad,text=" ADD STUDENTS
",command=add_student,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
        add_st_Button.place(x=150,y=230)
        #commands for manage students
        def manage_student():
            root_m=Tk()
            root_m.geometry("250x120")
```

```
root_m.title("Student's Id")
root_m.resizable(width="False",height="False")
adm_label=Label(root_m,text="  Admission No.")
adm_label.place(x=22,y=30)
ae=Entry(root_m)
ae.place(x=110,y=33)
def adm_check():
    s=[]
    data=[]
    adm_ask=ae.get()
    mycursor.execute("select* from students")
    for i in mycursor:
        data.append(i)
    for i in data:
        if str(i[3])==str(adm_ask):
            root_m.destroy()
            root_ms=Tk()
            root_ms.title("Update Student's Information")
            root_ms.geometry("1800x1000")
            root_ms.configure(bg="lightpink")
            manage_st_label=Label(root_ms,text="          MANAGE  STUDENTS
",bg="lightblue",border=15,relief="sunken",font=("Times New Roman",45))
            manage_st_label.place(x=250,y=20)
            upd_name=Label(root_ms,text=" Updated Name
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
            upd_name.place(x=250,y=250)
            upd_name_entry2=Entry(root_ms)
            upd_name_entry2.place(x=455,y=259)
            upd_class=Label(root_ms,text=" Updated Class
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
            upd_class.place(x=250,y=320)
            upd_class_entry=Entry(root_ms)
            upd_class_entry.place(x=455,y=329)
            upd_roll=Label(root_ms,text=" Updated Roll No.
",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
```

```
upd_roll.place(x=250,y=390)
upd_roll_entry=Entry(root_ms)
upd_roll_entry.place(x=490,y=399)
upd_adm=Label(root_ms,text=" Updated Admission No. ",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
upd_adm.place(x=250,y=460)
upd_adm_entry=Entry(root_ms)
upd_adm_entry.place(x=550,y=469)
upd_father=Label(root_ms,text=" Updated Father's Name ",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
upd_father.place(x=250,y=530)
upd_father_entry=Entry(root_ms)
upd_father_entry.place(x=545,y=539)
upd_address=Label(root_ms,text="Updated Address ",bg="lightgreen",border=4,relief="ridge",font=("Times New Roman",20))
upd_address.place(x=250,y=600)
upd_address_entry=Entry(root_ms)
upd_address_entry.place(x=470,y=609)
def upd_submit():
    n=upd_name_entry2.get()
    c=int(upd_class_entry.get())
    r=int(upd_roll_entry.get())
    a=int(upd_adm_entry.get())
    f=upd_father_entry.get()
    adr=upd_address_entry.get()
    m="00 00 00 00 00"
    fe="0 0 0 0"
    mycursor.execute(f"update students set name=%s,class=%s,roll=%s,adm=%s,fname=%s,address=%s,marks=%s,fee=%s where adm=%s",(n,c,r,a,f,adr,m,fe,adm_ask))
    mydb.commit()
#command to create button to submit updated data

upd_data_sub_button=Button(root_ms,text="Submit",command=upd_submit,bg="grey",border=5,relief="groove",font=("Times New Roman",15))
upd_data_sub_button.place(x=380,y=650)
```

```
                root_ms.mainloop()


        pb=Button(root_m,text="Submit",command=adm_check)
        pb.place(x=55,y=60)

    #button to manage students
    manage_st_Button=Button(root_ad,text=" MANAGE STUDENTS
",command=manage_student,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
    manage_st_Button.place(x=150,y=310)

    #commands for enter marks
    def enter_marks():
        root_m=Tk()
        root_m.geometry("250x120")
        root_m.resizable(width="False",height="False")
        root_m.title("Student' Id")
        adm_label=Label(root_m,text="  Admission No.")
        adm_label.place(x=22,y=30)
        ae=Entry(root_m)
        ae.place(x=110,y=33)
        def m_adm_check():
            s=[]
            k=""
            data=[]
            adm_ask=ae.get()
            mycursor.execute("select* from students where adm=%s",(adm_ask,))
            for i in mycursor:
                data.append(i)
            for j in data:
                if j!="":
                    root_m.destroy()
                    root_mk=Tk()
```

```
root_mk.configure(bg="pink")
root_mk.geometry("1850x1000")
root_mk.title("Student's Mark Entry")
mark_entry_label=Label(root_mk,text="              MARKS  ENTRY
",bg="lightgreen",border=15,relief="sunken",font=("Times New Roman",45))
mark_entry_label.place(x=250,y=20)
name_label=Label(root_mk,text=" Name
",bg="red",border=3,relief="ridge",font=("Times New Roman",20))
name_label.place(x=190,y=160)
st_name=Label(root_mk,text=" "+str(j[0])+"
",bg="purple",border=3,relief="ridge",font=("Times New Roman",20))
st_name.place(x=300,y=160)
adm_label=Label(root_mk,text="Admission No.
",bg="red",border=3,relief="ridge",font=("Times New Roman",20))
adm_label.place(x=700,y=160)
st_adm=Label(root_mk,text=" "+str(j[3])+"
",bg="purple",border=3,relief="ridge",font=("Times New Roman",20))
st_adm.place(x=900,y=160)
eng_label=Label(root_mk,text=" English
",bg="orange",border=3,relief="ridge",font=("Times New Roman",20))
eng_label.place(x=190,y=270)
eng_entry=Entry(root_mk)
eng_entry.place(x=310,y=278)
com_label=Label(root_mk,text=" Computer
",bg="orange",border=3,relief="ridge",font=("Times New Roman",20))
com_label.place(x=190,y=350)
com_entry=Entry(root_mk)
com_entry.place(x=340,y=358)
phy_label=Label(root_mk,text=" Physics
",bg="orange",border=3,relief="ridge",font=("Times New Roman",20))
phy_label.place(x=190,y=430)
phy_entry=Entry(root_mk)
phy_entry.place(x=310,y=438)
math_label=Label(root_mk,text=" Mathematics
",bg="orange",border=3,relief="ridge",font=("Times New Roman",20))
math_label.place(x=190,y=510)
```

```
                    math_entry=Entry(root_mk)
                    math_entry.place(x=365,y=518)
                    che_label=Label(root_mk,text=" Chemistry
",bg="orange",border=3,relief="ridge",font=("Times New Roman",20))
                    che_label.place(x=190,y=590)
                    che_entry=Entry(root_mk)
                    che_entry.place(x=335,y=598)
                    def submit_marks():
                      e=eng_entry.get()
                      co=com_entry.get()
                      p=phy_entry.get()
                      m=math_entry.get()
                      ch=che_entry.get()
                      mark=str(e)+" "+str(co)+" "+str(p)+" "+str(m)+" "+str(ch)
                      mycursor.execute("update students set marks=%s where
adm=%s",(mark,j[3]))
                      mydb.commit()
                      messagebox.showinfo("Information","Data Successfully
Submitted!",parent=root_mk)
                    mark_sub_button=Button(root_mk,text=" Submit
",command=submit_marks,bg="grey",border=4,relief="groove",font=("Times New Roman",20))
                    mark_sub_button.place(x=310,y=630)


          pb=Button(root_m,text="Submit",command=m_adm_check)
          pb.place(x=55,y=60)
        #button to enter marks
        enter_st_mark_Button=Button(root_ad,text="  ENTER MARKS
",command=enter_marks,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
        enter_st_mark_Button.place(x=150,y=390)
        #######################
        #commands to remove student
        def remove_student():
          root_rsa=Tk()
          root_rsa.geometry("250x120")
```

```
        root_rsa.resizable(width="False",height="False")
        root_rsa.title("Remove Student")
        adm_label=Label(root_rsa,text="  Admission No.")
        adm_label.place(x=22,y=30)
        ae=Entry(root_rsa)
        ae.place(x=110,y=33)
        def rsa_adm_check():
          data=[]
          adm_ask=ae.get()
          mycursor.execute("select* from students where adm=%s",(adm_ask,))
          for i in mycursor:
            data.append(i)
          for j in data:
            if j!="":
              mycursor.execute("delete from students where adm=%s",(adm_ask,))
              messagebox.showinfo("Information","Data Successfully
Deleted!",parent=root_ad)
              mydb.commit(),
              root_rsa.destroy()
            else:
              pass
              #inv_pass_label=Label(root_rsa,text="Invalid Admission No.!")
              #inv_pass_label.place(x=60,y=35)
        pb=Button(root_rsa,text="Submit",command=rsa_adm_check)
        pb.place(x=55,y=60)
      ##############################
      #functions to create remove button
      remove_st__Button=Button(root_ad,text="  REMOVE STUDENT
",command=remove_student,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
      remove_st__Button.place(x=150,y=480)
      ##############################
      def pay_fees():
        root_p=Tk()
        root_p.geometry("250x120")
        root_p.resizable(width="False",height="False")
```

```
root_p.title("Student' Id")
adm_label=Label(root_p,text="  Admission No.")
adm_label.place(x=22,y=30)
ae=Entry(root_p)
ae.place(x=110,y=33)
def pf_adm_check():
    s=[]
    k=""
    data=[]
    adm_ask=ae.get()
    mycursor.execute("select* from students where adm=%s",(adm_ask,))
    for i in mycursor:
        data.append(i)
    for j in data:
        if j!="":
            root_p.destroy()
            root_pf=Tk()
            root_pf.geometry("1800x1000")
            root_pf.configure(bg="lightgreen")
            root_pf.title("Pay Fees")
            pay_fee_label=Label(root_pf,text="                PAY    FEES
",bg="lightblue",border=15,relief="sunken",font=("Times New Roman",45))
            pay_fee_label.place(x=250,y=20)
            name_label=Label(root_pf,text=" Name
",bg="red",border=3,relief="ridge",font=("Times New Roman",20))
            name_label.place(x=190,y=160)
            st_name=Label(root_pf,text=" "+str(j[0])+"
",bg="purple",border=3,relief="ridge",font=("Times New Roman",20))
            st_name.place(x=300,y=160)
            adm_label=Label(root_pf,text="Admission No.
",bg="red",border=3,relief="ridge",font=("Times New Roman",20))
            adm_label.place(x=700,y=160)
            st_adm=Label(root_pf,text=" "+str(j[3])+"
",bg="purple",border=3,relief="ridge",font=("Times New Roman",20))
            st_adm.place(x=900,y=160)
```

```
                first=j[7][0]
                second=j[7][2]
                third=j[7][4]
                fourth=j[7][6]
                first_in_label=Label(root_pf,text=" 1st Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
                first_in_label.place(x=250,y=250)
                if first=="1":
                  first_in=Label(root_pf,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  first_in.place(x=470,y=253)
                else:
                  first_in=Label(root_pf,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  first_in.place(x=470,y=253)
                  def pay_fee():
                     mark="1 0 0 0"
                     mycursor.execute("update students set fee=%s where adm=%s",(mark,j[3]))
                     mydb.commit()
                     messagebox.showinfo("Information","Data Successfully
Submitted!",parent=root_pf)
                  pay_fee_but=Button(root_pf,text="Pay
Now",command=pay_fee,bg="lightgrey",relief="sunken",font=("Times New Roman",14))
                  pay_fee_but.place(x=620,y=253)
                second_in_label=Label(root_pf,text=" 2nd Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
                second_in_label.place(x=250,y=320)
                if second=="1":
                  second_in=Label(root_pf,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  second_in.place(x=470,y=323)
                else:
                  second_in=Label(root_pf,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  second_in.place(x=470,y=323)
                  def pay_fee():
```

```
                    mark="1 1 0 0"
                    mycursor.execute("update students set fee=%s where adm=%s",(mark,j[3]))
                    mydb.commit()
                    messagebox.showinfo("Information","Data Successfully
Submitted!",parent=root_pf)
                  pay_fee_but=Button(root_pf,text="Pay
Now",command=pay_fee,bg="lightgrey",relief="sunken",font=("Times New Roman",14))
                  pay_fee_but.place(x=620,y=323)
                third_in_label=Label(root_pf,text=" 3rd Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
                third_in_label.place(x=250,y=390)
                if third=="1":
                  third_in=Label(root_pf,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  third_in.place(x=470,y=393)
                else:
                  third_in=Label(root_pf,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  third_in.place(x=470,y=393)
                  def pay_fee():
                    mark="1 1 1 0"
                    mycursor.execute("update students set fee=%s where adm=%s",(mark,j[3]))
                    mydb.commit()
                    messagebox.showinfo("Information","Data Successfully
Submitted!",parent=root_pf)
                  pay_fee_but=Button(root_pf,text="Pay
Now",command=pay_fee,bg="lightgrey",relief="sunken",font=("Times New Roman",14))
                  pay_fee_but.place(x=620,y=393)
                fourth_in_label=Label(root_pf,text=" 4th Installment
",bg="lightblue",border=4,relief="ridge",font=("Times New Roman",20))
                fourth_in_label.place(x=250,y=460)
                if fourth=="1":
                  fourth_in=Label(root_pf,text=" Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                  fourth_in.place(x=470,y=463)
                else:
```

```
                    fourth_in=Label(root_pf,text=" Not Paid
",border=4,bg="lightpink",relief="ridge",font=("Times New Roman",20))
                    fourth_in.place(x=470,y=463)
                    def pay_fee():
                      mark="1 1 1 1"
                      mycursor.execute("update students set fee=%s where adm=%s",(mark,j[3]))
                      mydb.commit()
                      messagebox.showinfo("Information","Data Successfully
Submitted!",parent=root_pf)
                    pay_fee_but=Button(root_pf,text="Pay
Now",command=pay_fee,bg="lightgrey",relief="sunken",font=("Times New Roman",14))
                    pay_fee_but.place(x=620,y=463)
          pf_sad_button=Button(root_p,text="Submit",command=pf_adm_check)
          pf_sad_button.place(x=55,y=60)
        ##############################
        pay_fee_Button=Button(root_ad,text="      PAY   FEES
",command=pay_fees,bg="red",border=4,relief="ridge",font=("Times New Roman",20))
        pay_fee_Button.place(x=150,y=560)

      else:
        wr_pass=Label(root_p,text="Invalid Password!")
        wr_pass.place(x=45,y=85)

  main_pb=Button(root_p,text="Submit",command=p_sub)
  main_pb.place(x=55,y=60)
#command for creating admin mode  button in home page
admin_button=Button(root,text=" Admin
Mode",command=admin_command,bg="red",font=("Times New
Roman",17),border=4,relief="groove")
admin_button.place(x=80,y=620)

#################################################################
#Commands for About Us Button
def about_us():
  root_ab=Tk()
  root_ab.title("About Us")
```

```
    root_ab.configure(bg="lightgreen")
    root_ab.geometry("1800x1000")
    est_label=Label(root_ab,text="Establishment :",bg="lightpink",font=("Times New
Roman",40),fg="brown")
    est_label.place(x=40,y=25)
    est_ab_label=Label(root_ab,text=" Little Flower School, Harraiya, Basti, U.P., is an
EnglishMedium Senior Secondary School which \n was established in the Catholic Diocese of
Gorakhpur  and owned and administered by Little Flower \n Mission Education Society,
Gorakhpur, a registered charitable society which is controlled by CST \n Fathers, who belong to
the 'Little Flower Congregation', a Catholic religious set up. The school has \n been serving the
people of Harraiya since 2004 and will continue
it.",justify=LEFT,fg="black",bg="lightgreen",font=("Times New Roman",25))
    est_ab_label.place(x=40,y=90)
    aim_label=Label(root_ab,text="  Aim : ",bg="lightpink",font=("Times New
Roman",40),fg="brown")
    aim_label.place(x=40,y=285)
    aim_ab_label=Label(root_ab,text="The School aims at the integral development of the
personality of every child, to make him committed \n to the service of God and the nation. The
school emphasises that the students not only excell at their \n studies but also be an integral
part of the society by contributing morals, values and good services. \n Our full concentration is
to build up confidence in each and every child to enable him/her to march \n forward with
never failing determination.",justify=LEFT,bg="lightgreen",font=("Times New Roman",25))
    aim_ab_label.place(x=40,y=350)
    soc_ac_label=Label(root_ab,text=" Social Activities
:",bg="lightpink",fg="brown",font=("Times New Roman",40))
    soc_ac_label.place(x=40,y=540)
    soc_ab_label=Label(root_ab,text="In collaboration with DISA, Basti we could implement
many programmes like SDTTP, PANI,POU,\nIDEA in these villages for awareness generation,
agriculture revival, formation of good organizations.",font=("Times New
Roman",25),justify=LEFT,bg="lightgreen")
    soc_ab_label.place(x=40,y=600)
#Button for About Us
aboutus_button=Button(root,text=" About Us ",command=about_us,bg="red",font=("Times
New Roman",17),border=4,relief="groove")
aboutus_button.place(x=600,y=620)
#####################################################################
```

```
#Commands for Contact Us
def contact_us():
    root_co=Tk()
    root_co.geometry("450x320")
    root_co.resizable(width="False",height="False")
    root_co.title("Contact Us")
 #  root_co.resizable(width="False",height="False")
    cont_label=Label(root_co,text="Contact :")
    cont_label.configure(font=("times new roman",25),fg="blue",relief="sunken",border=4)
    cont_label.place(x=1,y=0)

 # contact with number
    cont_no_label=Label(root_co,text="""+91 35461 54321
+91 65844 65212
+91 51545 85465""")
    cont_no_label.configure(font=("times new roman",20),bg="lightgrey",relief="sunken")
    cont_no_label.place(x=0,y=45)
    #contact with email number
    email_label=Label(root_co,text="Email :")
    email_label.configure(font=("times new       roman",25),fg="blue",relief="sunken",border=4)
    email_label.place(x=1,y=150)
    email_no_label=Label(root_co,text="""lfsharraiya@gmail.com""")
    email_no_label.configure(font=("times new roman",20),bg="lightgrey",relief="sunken")
    email_no_label.place(x=0,y=190)
    #meet at address
    cont_adrs_label=Label(root_co,text="Address :")
    cont_adrs_label.configure(font=("times new roman",25),fg="blue",relief="sunken",border=4)
    cont_adrs_label.place(x=1,y=230)
    cont_ab_place=Label(root_co,text="Behind SDM office,Harraiya")
    cont_ab_place.configure(font=("times new roman",20),bg="lightgrey",relief="sunken")
    cont_ab_place.place(x=0,y=275)
#Button for Contact Us
contactus_button=Button(root,text=" Contact Us
",command=contact_us,bg="red",font=("Times New Roman",17),border=4,relief="groove")
contactus_button.place(x=1100,y=620)
```

```
#####################################################################
#funtions for frame with latest updates in home window
uf=Frame(root,bg="skyblue",border=7,relief="groove")
uf.place(x=1000,y=180,height=420,width=350)
lu_label=Label(uf,text=" Latest Updates ",font=("Times New Roman",20),bg="peach
puff",border=5,relief="sunken")
lu_label.place(x=70,y=5)
main_content=Label(uf,text="""1. The  Schedule  for  the  Upcoming
   PA2 exam has been released,you can
   see it on the office notice board.

2. Our School will  celebrate  its  20th
  opening anniversary and on this day
  we will conduct our 5th Parent's Day
  Celebration.

3. Board  students  have to bring thier
  Aadhar Card and  Rs  2000 for their
  Boards Registration which will start
  tommorow.""",font=("Times New Roman",16),bg="skyblue",fg="brown",justify=LEFT)
main_content.place(x=0,y=50)
thank_label=Label(uf,text=" Thank You ",font=("Times New Roman",17),bg="skyblue")
thank_label.place(x=85,y=370)
##################################
#Commands for Back Button(Home)
def back_inhome():
   root.destroy()

#Button for Back Button(Home)
home_back=Button(root,command=back_inhome,text=" Back
",bg="grey",border=5,relief="groove",font=("Times New Roman",15))
home_back.place(x=1250,y=640)
#final mainloop
root.mainloop()
#END
```