APPOINTMENT SYSTEM

A COMPUTER SCIENCE PROJECT REPORT

SUBMITTED BY

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IN PARTIAL FULFILMENT OF THE

CBSE GRADE XII

IN

Computer Science(083)

AT

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CBSE-English Medium

CERTIFICTE

This is to certify that **MR.PUJAN SAVALIYA** is a student of J. B. Diamonds & KARP Impex Vidya Sankul, who has successfully completed the project work on title**APPOINTMENT MANAGEMENTSYSTEM**in**COMPUTER SCIENCE (083)**assigned to him as a part of AISSCE curriculum during the academic year**2022-23**.

We found him very sincere, hardworking and disciplined boy.

We wish all the success for his future endeavors.

…… ……

Signature of the Internal Examiner Signature of the External Examiner

……

Principal Signature

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my Informatics Practices teacher Mr.AjayTiwari sir as well as our principal Mr.GaurangPatel sir for their guidance and support in completing this wonderful project entitled “Student management using Python-MySQL connectivity”.

I came to know about many things. I am really thankful to them.

A debt of gratitude is also owed to my parents and friends who helped me with their valuable suggestions.

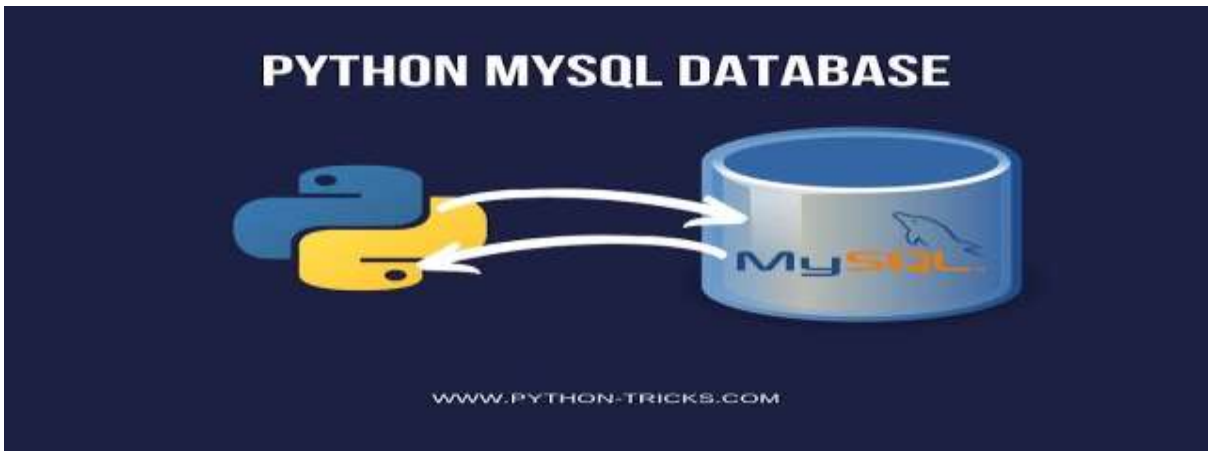
Although this report has been prepared with utmost care and deep routed interest, even then I accept respondents and imperfections.

PROJECT FILE

S.NO.	TOPIC
1.	AIM
2.	INTRODUCTION
3.	PYTHON CODING
4.	INPUT-OUTPUT INTERFERENCE
5.	BIBLIOGRAPHY

AIM

Student Management Using MYSQL Connectivity



INTRODUCTION

- **What is Python?**

  - The Python Programming Language is a recent, general-purpose and higher-level programming language. It has features for database programming also.
  - This project aims on explaining how one can create a MySQL database from within a Python script and create a user interface software.

- **Why Python?**

  - Due to its open source nature, Python has been ported to many platforms.
  - It is free and open source. It is available for free and runs on almost every current platform.
  - Python provides interfaces to all major commercial databases.

- It can easily integrated with C, C++, COM, Java, MySQL, etc.

- **What is MySQL?**
  - MySQL is a freely available open source Relational Database Management System (RDBMS) that uses Structured Query Language (SQL).
  - It provides you with a rich set of features that support a secure environment for storing, maintaining, and accessing data.

- **Why MySQL?**
  - It is an open source software and is easily portable.
  - It is easy to use, manage and works quickly and efficiently.
  - It is used to create databases, manage security of a database.
  - It maintains integrity and reduces data redundancy.

Python is a front end software

MYSQL is a back end software

Interface PYTHON with MYSQL

There are mainly seven steps that must be followed in order to create a database connectivity application.

Step 1 –Start Python

Step 2 –Import the packages required for databaseprogramming.

Step 3 –Open a connection to database.

Step 4 –Create a cursor instance.

Step 5 –Execute a query.

Step 6 –Extract data from result set.

Step 7 –Clean up the environment

SOURCE CODE:

LOGIN FORM

```
#LOGIN FORM
from tkinter import
import tkinter.messagebox                                    # for
messagebox
import os                                                    # for
stringvariable
from tkinter import ttk                                      # for combobox
import random                                                # for reference
import time
import datetime
#from PIL import Image,ImageTk


def main():
    root = Tk()
    app = Window_1(root)

class Window_1:
    def __init__(self, master):
        self.master = master
        self.master.title("Login Window")
        self.master.geometry('1380x700+0+0')
        self.master.config(bg = 'grey')
        self.Frame = Frame(self.master, bg = 'grey')
        self.Frame.pack()


        self.Username = StringVar()                                  # x =
StringVar()  Holds a string; default value is " "
        self.Password = StringVar()

        self.Lbl_Title = Label(self.Frame, text = 'Login Form', font =
('maiandra GD',55,'bold'), bg = 'grey', fg = 'cyan')
        self.Lbl_Title.grid(row = 0, column = 0, columnspan =3, pady =
40)

        self.Login_Frame_1 = LabelFrame(self.Frame, width = 1350,
height = 150, relief = 'ridge', bg = 'grey', bd = 15, text='Login', fg
= 'pink',
                                        font = ('maiandra
GD',20,'bold'))
        self.Login_Frame_1.grid(row = 1, column =0)
        self.Login_Frame_2 = LabelFrame(self.Frame, width = 1000,
height = 150, relief = 'ridge',bg = 'grey', bd = 15, text='Events', fg
= 'pink',
                                        font = ('maiandra
GD',20,'bold'))
        self.Login_Frame_2.grid(row = 2, column = 0)
```

```
        #==================================================LABEL and
ENTRIES=============================================================
=======
        self.Label_Username = Label(self.Login_Frame_1, text =
'Username', font = ('Lucida Handwriting',20,'bold'), bg = 'grey', fg =
'yellow', bd = 20)
        self.Label_Username.grid(row = 0, column = 0)
        self.text_Username = Entry(self.Login_Frame_1, font =
('arial',20,'bold'), textvariable = self.Username)
        self.text_Username.grid(row = 0, column = 1, padx = 50)
        self.text_Username.focus()

        self.Label_Password = Label(self.Login_Frame_1, text =
'Password', font = ('Lucida Handwriting',20,'bold'), bg = 'grey', fg =
'Orange', bd = 20)
        self.Label_Password.grid(row = 1, column = 0)
        self.text_Password = Entry(self.Login_Frame_1, font =
('arial',20,'bold'),fg='blue',bg='white', show = "~", textvariable =
self.Password)
        self.text_Password.grid(row = 1, column = 1)



#=================================================================BUTTONS==
=====================================================================
        self.btnLogin = Button(self.Login_Frame_2, text = 'Login', fg =
'blue',bg='white', width = 10, font =
('airia',15,'bold'),relief=RAISED,bd=7, command = self.Login)
        self.btnLogin.grid(row = 3, column = 0, padx = 8, pady = 20)

        self.btnReset = Button(self.Login_Frame_2, text = 'Reset', fg =
'purple',bg='white', width = 10, font =
('airia',15,'bold'),relief=RAISED,bd=7, command = self.Reset)
        self.btnReset.grid(row = 3, column = 1, padx = 8, pady = 20)

        self.btnExit = Button(self.Login_Frame_2, text = 'Exit', fg =
'darkblue',bg='white', width = 10, font =
('airia',15,'bold'),relief=RAISED,bd=7, command = self.Exit)
        self.btnExit.grid(row = 3, column = 2, padx = 8, pady = 20)


        #=====================================================Code for
Login
Button=============================================================
=
    def Login(self):
        u = (self.Username.get())
        p = (self.Password.get())

        if (u == str('root') and p == str(12345)):
            tkinter.messagebox.askyesno("Login Successfully","Thanks :
For using Login Form.")
            self.master.destroy()
            self.__library__()
        else:
```

```
            tkinter.messagebox.askyesno("Login","Error : Wrong
Password")
            self.Username.set("")
            self.Password.set("")
            self.text_Username.focus()



        #=====================================================Code for
Reset
Button=============================================================
=
    def Reset(self):
         self.Username.set("")
         self.Password.set("")
         self.text_Username.focus()


        #=====================================================Code for
Exit
Button=============================================================
=

    def Exit(self):
        self.Exit = tkinter.messagebox.askokcancel("Login System",
"Confirm if you want to Exit")
        if self.Exit > 0:
            self.master.destroy()

    def __library__(self):
        filename = 'FrontPage.py'
        os.system(filename)
        os.system('notepad'+filename)


if __name__ == '__main__':                                  #
https://micropyramid.com/blog/understand-self-and-__init__-method-in-
python-class/
    main()
```

FrontPage

```
from tkinter import*
from tkinter import messagebox
from PIL import ImageTk, Image
```

```
import NewRegistration as new_r
import ViewRegistration as view_r
import delete as ded

#--------------------Main Window----------------

window1 = Tk()
window1.title('Welcome')

window1.geometry('1260x630')
window1.config()

#--------------------Importing Images-----------------

image1 = ImageTk.PhotoImage(Image.open("bg.png"))#
imagenew_reg = ImageTk.PhotoImage(Image.open("new.png"))
imageview_reg = ImageTk.PhotoImage(Image.open("view.png"))
delimage = ImageTk.PhotoImage(Image.open("delete.png"))
titleimage = ImageTk.PhotoImage(Image.open("hospitalname (2).jpg"))#
iconimage = ImageTk.PhotoImage(Image.open("icon.png"))#
cancelimage = ImageTk.PhotoImage(Image.open("button.png"))#

#----------------------Labels (window1)----------------------------


image1_label = Label(window1, image=image1)
image1_label.place(x=0, y=0)
welcome_label = Label(window1, image=titleimage)
welcome_label.place(x=400, y=20)


#--------------------Label Frame-----------------------

labelframe=LabelFrame(window1,bg='white',width=350,height=500,borderwid
th=10, relief="groove")
#labelframe.pack(padx=100,pady=100)
labelframe.place(x=480,y=150)
#--------------------Label(labelframe)-----------------

icon_label = Label(labelframe, image=iconimage)
icon_label.place(x=100,y=10)

#----------------------Buttons----------------------------

register = Button(labelframe, text='New
Appointment',bd=0,image=imagenew_reg,command=new_r.Newregist)
#command=new_r.Newregist, command=view_r.Viewregist,
command=window1.destroy
register.place(x=25,y=200)
view = Button(labelframe, text='View
Appointment',bd=0,image=imageview_reg,command=view_r.Viewregist)
view.place(x=25, y=270)
delete=Button(labelframe, text='delete
Appointment',bd=0,image=delimage,command=ded.Viewregist)
delete.place(x=25, y=340)
close = Button(labelframe,
image=cancelimage,bd=0,command=window1.destroy)
close.place(x=100, y=420)
```

```
window1.mainloop()
```

NewRegistration

```
from tkinter import*
from tkinter import messagebox
from tkinter import ttk
from PIL import ImageTk, Image
import mysql.connector


#iconimage = ImageTk.PhotoImage(Image.open("icon.png"))

mydb = mysql.connector.connect(host='localhost', user='root',
password='12345')
cur=mydb.cursor()
cur.execute('create database if not exists project')
cur.execute("use project")


def Newregist():
    new_r = Toplevel()
    new_r.title('Registration Page')
    new_r.geometry('1260x630')
    new_r.config()
    image1 = ImageTk.PhotoImage(Image.open("bg.png"))
    #titleimage = ImageTk.PhotoImage(Image.open("hospitalname
(2).jpg"))
    back_button=ImageTk.PhotoImage(Image.open("back.png"))
    submit_button=ImageTk.PhotoImage(Image.open("submit.png"))
    image1_label = Label(new_r,image=image1)
    #image1_label.image = image1
    image1_label.place(x=0, y=0)
    #new_label = Label(new_r, text='NEW REGISTRATION', fg='white',
bg='black', bd=6, relief=RAISED, font=('ariel', 30))
    iconimage = ImageTk.PhotoImage(Image.open("icon.png"))
    #welcome_label = Label(new_r, image=titleimage)
    #welcome_label.place(x=10, y=10)


labelframe1=LabelFrame(new_r,bg='white',width=500,height=550,borderwidt
h=5, relief="groove")
    labelframe1.place(x=350,y=60)
    icon_label=Label(labelframe1, image=iconimage).place(x=200,y=20)


    #------------------Labels---------------------------
    #icon_label = Label(labelframe1, image=iconimage).place(x=115,y=20)
    new_name = Label(labelframe1, text="First Name", bd=5, bg='white',
font=('ariel', 18))
    new_name.place(x=0, y=170)
    new_last = Label(labelframe1, text="Last Name", bd=5, bg='white',
font=('ariel', 18))
```

```
    new_last.place(x=0, y=220)
    new_age = Label(labelframe1, text="Age", bg='white', bd=5,
font=('ariel', 18))
    new_age.place(x=0, y=270)
    new_gender = Label(labelframe1, text="Gender", bg='white', bd=5,
font=('ariel', 18))
    new_gender.place(x=0, y=320)
    new_num = Label(labelframe1, text="Phone Number", bg='white', bd=5,
font=('ariel', 18))
    new_num.place(x=0, y=370)
    new_app = Label(labelframe1, text="Appointment Time", bg='white',
bd=5, font=('ariel', 18))
    new_app.place(x=0, y=420)

    # ------------------Entry----------------------------
    name_e = ttk.Entry(labelframe1, width=20,font=('calibre', 15,
'normal')) #, bd=6
    name_e.place(x=230, y=170)
    last_e = ttk.Entry(labelframe1, width=20,font=('calibre', 15,
'normal'))
    last_e.place(x=230, y=220)
    age_e = ttk.Entry(labelframe1, width=20,font=('calibre', 15,
'normal'))
    age_e.place(x=230, y=270)
    v = StringVar()
    gender_e = ttk.Radiobutton(labelframe1, text='Male', variable=v,
value='Male')# relief,font=('ariel', 12)
    gender_e.place(x=230, y=320)
    gender_e = ttk.Radiobutton(labelframe1, text='Female', variable=v,
value='Female')
    gender_e.place(x=280, y=320)
    gender_e =ttk.Radiobutton(labelframe1, text='Other', variable=v,
value='Other')
    gender_e.place(x=340, y=320)
    num_e = ttk.Entry(labelframe1, width=20,font=('calibre', 15,
'normal'))
    num_e.place(x=230, y=370)

    time=IntVar()
    Date_combobox
=ttk.Combobox(labelframe1,width=4,textvariable=time,state='readonly')
    Date_combobox['values'] =
('1','2','3','4','5','6','7','8','9','10','11','12')
    Date_combobox.current(0)
    Date_combobox.place(x=230, y=430)

    minutes=IntVar()
    Date_combobox
=ttk.Combobox(labelframe1,width=4,textvariable=minutes,state='readonly'
)
    Date_combobox['values'] =
('5','10','15','20','25','30','35','40','45','50','55','60')
    Date_combobox.current(0)
    Date_combobox.place(x=290, y=430)

    ampm = StringVar()
    Date_combobox
=ttk.Combobox(labelframe1,width=4,textvariable=ampm,state='readonly')
```

```
    Date_combobox['values'] = ('AM', 'PM')
    Date_combobox.current(0)
    Date_combobox.place(x=350, y=430)

    def insert():
        name = name_e.get()
        last = last_e.get()
        age = age_e.get()
        gender = v.get()
        phone = num_e.get()
        hours = time.get()
        minutex = minutes.get()
        amopm = ampm.get()
        timex = str(hours) + ':' + str(minutex) + str(amopm)
        mydb = mysql.connector.connect(host='localhost', user='root',
password='12345',database='project')
        cur = mydb.cursor()
        #cur.execute('create database if not exists project')
        cur.execute(
            'create table if not exists hospital(name varchar(255),
last varchar(255), age varchar(255), gender varchar(255), phone
varchar(255), appt varchar(255))')
        cur.execute('insert into hospital(name, last, age, gender,
phone, appt) values(%s, %s, %s, %s, %s, %s)',
                            (name, last, age, gender, phone, timex))

        mydb.commit()
        messagebox.showinfo(title='Registration Complete',
message='Appointment Successfully Placed')
        new_r.destroy()

    #------------------Buttons------------------
    Button(labelframe1, bg='white', image=back_button,bd=0,
command=new_r.destroy).place(x=100, y=470)
    Button(labelframe1, bg='white', image=submit_button,bd=0,
command=insert).place(x=300, y=470)


    new_r.mainloop()
```

View Registration

```
from tkinter import*
from tkinter import messagebox
from PIL import ImageTk, Image
from tkinter import ttk
import mysql.connector
```

```
mydb = mysql.connector.connect(host='localhost', user='root',
password='12345')
cur = mydb.cursor()
cur.execute("create database if not exists project")
cur.execute("use project")

def Viewregist():
    view_r = Toplevel()
    view_r.title('View appointment')
    view_r.geometry('1260x630')
    image1 = ImageTk.PhotoImage(Image.open("bg.png"))
    image1_label = Label(view_r,image=image1)
    image1_label.place(x=0, y=0)

    #---------------------Label Frame-------------------------


labelframe=LabelFrame(view_r,bg='white',width=500,height=550,borderwidt
h=5, relief="groove")
    labelframe.place(x=350,y=50)

    #
    #titleimage = ImageTk.PhotoImage(Image.open("hospitalname
(2).jpg"))
    iconimage = ImageTk.PhotoImage(Image.open("icon.png"))
    back_button=ImageTk.PhotoImage(Image.open("back.png"))
    submit_button=ImageTk.PhotoImage(Image.open("submit.png"))
    icon_label=Label(labelframe, image=iconimage).place(x=200,y=20)
    #welcome_label = Label(view_r, image=titleimage)
    #welcome_label.place(x=10, y=10)



    # ------------------Labels----------------------------
    new_name = Label(labelframe, text="First Name", bd=5, bg='white',
font=('ariel', 18))
    new_name.place(x=20, y=200)
    new_last = Label(labelframe, text="Last Name", bd=5, bg='white',
font=('ariel', 18))
    new_last.place(x=20, y=240)
    # new_age = Label(view_r, text="Patient's Age", bg='white', bd=5,
font=('ariel', 18))
    # new_age.place(x=550, y=250)

    # ------------------Entry----------------------------
    name_e = ttk.Entry(labelframe,width=20,font=('calibre', 15,
'normal'))
    name_e.place(x=230, y=200)
    last_e = ttk.Entry(labelframe,width=20,font=('calibre', 15,
'normal'))
    last_e.place(x=230, y=240)
    # num_e = Entry(view_r, width=40, bd=6)
    # num_e.place(x=750, y=250)

    def submit():
        view = Toplevel()
        view.title('Registration Page')
        view.geometry('1260x630')
```

```
        view.config(bg='sky blue')
        image1 = ImageTk.PhotoImage(Image.open("bg.png"))
        image1_label = Label(view,image=image1)
        image1_label.place(x=0, y=0)
        #new_label = Label(view, text='VIEW REGISTRATION', fg='white',
bg='black', bd=6, relief=RAISED,font=('ariel', 30))
        #new_label.place(x=570, y=20)

        #-----------------Image Label----------------------

labelframe=LabelFrame(view,bg='white',width=500,height=600,borderwidth=
5, relief="groove")
        labelframe.place(x=350,y=50)

        #------------------
        #titleimage = ImageTk.PhotoImage(Image.open("hospitalname
(2).jpg"))
        iconimage = ImageTk.PhotoImage(Image.open("icon.png"))
        icon_label=Label(labelframe, image=iconimage).place(x=200,y=20)
        back_button=ImageTk.PhotoImage(Image.open("back.png"))
        #welcome_label = Label(view, image=titleimage)
        #welcome_label.place(x=10, y=10)



        # ------------------Labels----------------------------
        new_name = Label(labelframe, text="First Name", bd=2,
bg='white', font=('ariel', 18))
        new_name.place(x=0, y=170)
        new_last = Label(labelframe, text="Last Name", bd=2,
bg='white', font=('ariel', 18))
        new_last.place(x=0, y=220)
        new_age = Label(labelframe, text="Age", bg='white',bd=2,
font=('ariel', 18))
        new_age.place(x=0, y=270)
        new_gender = Label(labelframe, text="Gender", bg='white', bd=2,
font=('ariel', 18))
        new_gender.place(x=0, y=320)
        new_num = Label(labelframe, text="Phone Number", bg='white',
bd=2, font=('ariel', 18))
        new_num.place(x=0, y=370)
        new_app = Label(labelframe, text="Appointment Time",
bg='white', bd=2, font=('ariel', 18))
        new_app.place(x=0, y=420)

        iname = name_e.get()
        ilast = last_e.get()
        # iage = num_e.get()

        mydb = mysql.connector.connect(host='localhost', user='root',
password='12345',database='project')
        cur = mydb.cursor()
        #cur.execute('create database if not exists project')
        #cur.execute('create table if not exists hospital(name
varchar(255), last varchar(255), age varchar(255), gender varchar(255),
phone varchar(255), appt varchar(255))')
        cur.execute("select name from hospital where name=%s and
last=%s ",(iname, ilast))
```

```
        dname = cur.fetchone()
        cur.execute("select last from hospital where name=%s and
last=%s ", (iname, ilast))
        dlast = cur.fetchone()
        cur.execute('select age from hospital where name=%s and last=%s
',(iname, ilast))
        dage = cur.fetchone()
        cur.execute('select gender from hospital where name=%s and
last=%s',(iname, ilast))
        dgender = cur.fetchone()
        cur.execute('select phone from hospital where name=%s and
last=%s ',(iname, ilast))
        dphone = cur.fetchone()
        cur.execute('select appt from hospital where name=%s and
last=%s',(iname, ilast))
        dappt = cur.fetchone()

        # ------------------Labels----------------------------
        name = Label(labelframe, text=dname, bd=5, bg='white',
font=('ariel', 15))
        name.place(x=230, y=170)
        last = Label(labelframe, text=dlast, bd=5, bg='white',
font=('ariel', 15))
        last.place(x=230, y=220)
        age = Label(labelframe, text=dage, bd=5, bg='white',
font=('ariel', 15))
        age.place(x=230, y=270)
        gender = Label(labelframe, text=dgender, bd=5, bg='white',
font=('ariel', 15))
        gender.place(x=230, y=320)
        num = Label(labelframe, bd=5, text=dphone, bg='white',
font=('ariel', 15))
        num.place(x=230, y=370)
        appt = Label(labelframe, bd=5, text=dappt, bg='white',
font=('ariel', 15))
        appt.place(x=290, y=430)

        Button(labelframe,image=back_button,bd=0,bg='white',
command=view.destroy).place(x=240, y=500)

        view.mainloop()

    # ------------------Button----------------------------
    Button(labelframe, bg='white', image=back_button,bd=0,
command=view_r.destroy).place(x=100, y=470)
    Button(labelframe, bg='white',
image=submit_button,bd=0,command=submit).place(x=300, y=470)
    view_r.mainloop()
```

Delete

```
from tkinter import*
```

```
from tkinter import messagebox
from PIL import ImageTk, Image
from tkinter import ttk
import mysql.connector
mydb = mysql.connector.connect(host='localhost', user='root',
password='12345')
cur = mydb.cursor()
cur.execute("create database if not exists project")
cur.execute("use project")


def Viewregist():
    view_r = Toplevel()
    view_r.title('Delete ')
    view_r.geometry('1260x630')
    image1 = ImageTk.PhotoImage(Image.open("bg.png"))
    image1_label = Label(view_r,image=image1)
    image1_label.place(x=0, y=0)
    delbut1=ImageTk.PhotoImage(Image.open("delbut.png"))

    #--------------------Label Frame-----------------------


labelframe=LabelFrame(view_r,bg='white',width=500,height=550,borderwidt
h=5, relief="groove")
    labelframe.place(x=350,y=50)

    #
    #titleimage = ImageTk.PhotoImage(Image.open("hospitalname
(2).jpg"))
    iconimage = ImageTk.PhotoImage(Image.open("icon.png"))
    back_button=ImageTk.PhotoImage(Image.open("back.png"))
    submit_button=ImageTk.PhotoImage(Image.open("submit.png"))
    icon_label=Label(labelframe, image=iconimage).place(x=200,y=20)
    #welcome_label = Label(view_r, image=titleimage)
    #welcome_label.place(x=10, y=10)



    # ------------------Labels----------------------------
    new_name = Label(labelframe, text="First Name", bd=5, bg='white',
font=('ariel', 18))
    new_name.place(x=20, y=200)
    new_last = Label(labelframe, text="Last Name", bd=5, bg='white',
font=('ariel', 18))
    new_last.place(x=20, y=240)
    # new_age = Label(view_r, text="Patient's Age", bg='white', bd=5,
font=('ariel', 18))
    # new_age.place(x=550, y=250)

    # ------------------Entry----------------------------
    name_e = ttk.Entry(labelframe,width=20,font=('calibre', 15,
'normal'))
    name_e.place(x=230, y=200)
    last_e = ttk.Entry(labelframe,width=20,font=('calibre', 15,
'normal'))
    last_e.place(x=230, y=240)
    # num_e = Entry(view_r, width=40, bd=6)
```

```
    # num_e.place(x=750, y=250)

    def delete():
        mydb = mysql.connector.connect(host='localhost', user='root',
password='12345',database='project')
        iname = name_e.get()
        ilast = last_e.get()
        cur = mydb.cursor()
        cur.execute("DELETE FROM hospital WHERE name = %s and last = %s
",(iname, ilast))
        mydb.commit()
        mydb.close()
        messagebox.showinfo("Delete","Record has been deleted.")



    def submit():
        view = Toplevel()
        view.title('Delete')
        view.geometry('1260x630')
        view.config(bg='sky blue')
        image1 = ImageTk.PhotoImage(Image.open("bg.png"))
        image1_label = Label(view,image=image1)
        image1_label.place(x=0, y=0)
        #new_label = Label(view, text='VIEW REGISTRATION', fg='white',
bg='black', bd=6, relief=RAISED,font=('ariel', 30))
        #new_label.place(x=570, y=20)

        #------------------Image Label-----------------------

labelframe=LabelFrame(view,bg='white',width=500,height=600,borderwidth=
5, relief="groove")
        labelframe.place(x=350,y=50)

        #------------------
        #titleimage = ImageTk.PhotoImage(Image.open("hospitalname
(2).jpg"))
        iconimage = ImageTk.PhotoImage(Image.open("icon.png"))
        icon_label=Label(labelframe, image=iconimage).place(x=200,y=20)
        back_button=ImageTk.PhotoImage(Image.open("back.png"))
        #welcome_label = Label(view, image=titleimage)
        #welcome_label.place(x=10, y=10)



        # ------------------Labels----------------------------
        new_name = Label(labelframe, text="First Name", bd=2,
bg='white', font=('ariel', 18))
        new_name.place(x=0, y=170)
        new_last = Label(labelframe, text="Last Name", bd=2,
bg='white', font=('ariel', 18))
        new_last.place(x=0, y=220)
        new_age = Label(labelframe, text="Age", bg='white',bd=2,
font=('ariel', 18))
        new_age.place(x=0, y=270)
        new_gender = Label(labelframe, text="Gender", bg='white', bd=2,
font=('ariel', 18))
        new_gender.place(x=0, y=320)
```

```
        new_num = Label(labelframe, text="Phone Number", bg='white',
bd=2, font=('ariel', 18))
        new_num.place(x=0, y=370)
        new_app = Label(labelframe, text="Appointment Time",
bg='white', bd=2, font=('ariel', 18))
        new_app.place(x=0, y=420)

        iname = name_e.get()
        ilast = last_e.get()
        # iage = num_e.get()

        mydb = mysql.connector.connect(host='localhost', user='root',
password='12345',database='project')
        cur = mydb.cursor()
        #cur.execute('create database if not exists project')
        #cur.execute('create table if not exists hospital(name
varchar(255), last varchar(255), age varchar(255), gender varchar(255),
phone varchar(255), appt varchar(255))')
        cur.execute("select name from hospital where name=%s and
last=%s ",(iname, ilast))
        dname = cur.fetchone()
        cur.execute("select last from hospital where name=%s and
last=%s ", (iname, ilast))
        dlast = cur.fetchone()
        cur.execute('select age from hospital where name=%s and last=%s
',(iname, ilast))
        dage = cur.fetchone()
        cur.execute('select gender from hospital where name=%s and
last=%s',(iname, ilast))
        dgender = cur.fetchone()
        cur.execute('select phone from hospital where name=%s and
last=%s ',(iname, ilast))
        dphone = cur.fetchone()
        cur.execute('select appt from hospital where name=%s and
last=%s',(iname, ilast))
        dappt = cur.fetchone()

        # ------------------Labels----------------------------
        name = Label(labelframe, text=dname, bd=5, bg='white',
font=('ariel', 15))
        name.place(x=230, y=170)
        last = Label(labelframe, text=dlast, bd=5, bg='white',
font=('ariel', 15))
        last.place(x=230, y=220)
        age = Label(labelframe, text=dage, bd=5, bg='white',
font=('ariel', 15))
        age.place(x=230, y=270)
        gender = Label(labelframe, text=dgender, bd=5, bg='white',
font=('ariel', 15))
        gender.place(x=230, y=320)
        num = Label(labelframe, bd=5, text=dphone, bg='white',
font=('ariel', 15))
        num.place(x=230, y=370)
        appt = Label(labelframe, bd=5, text=dappt, bg='white',
font=('ariel', 15))
        appt.place(x=290, y=430)
```

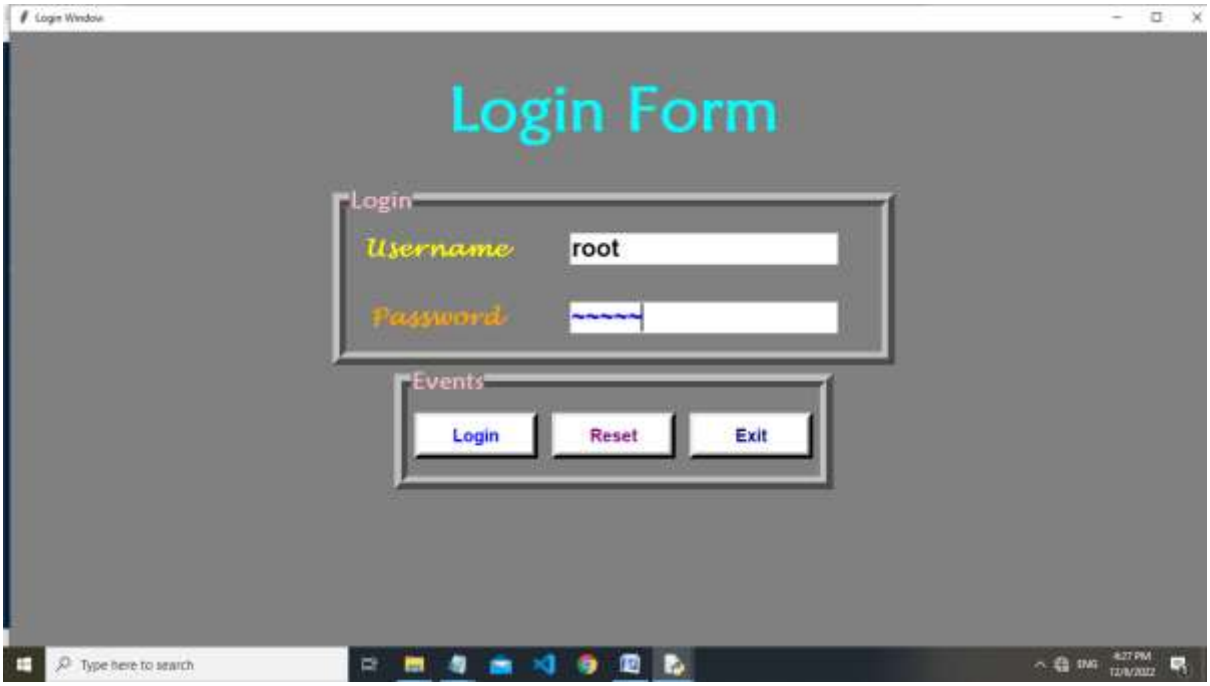
```
        Button(labelframe,image=back_button,bd=0,bg='white',
command=view.destroy).place(x=150, y=500)
        Button(labelframe, bg='white',
text='del',image=delbut1,bd=0,command=delete).place(x=300, y=500)

        view.mainloop()

    # ------------------Button-----------------------------
    Button(labelframe, bg='white', image=back_button,bd=0,
command=view_r.destroy).place(x=100, y=470)
    Button(labelframe, bg='white',
image=submit_button,bd=0,command=submit).place(x=300, y=470)
    view_r.mainloop()
```

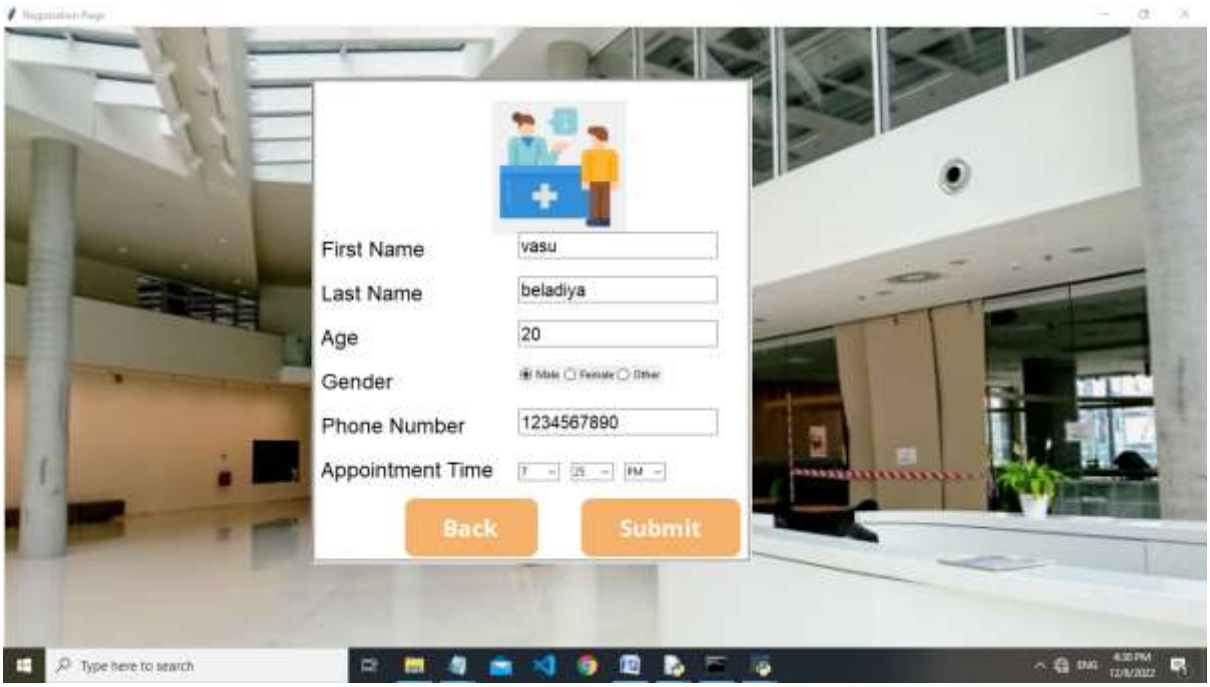
Output:

Login form:

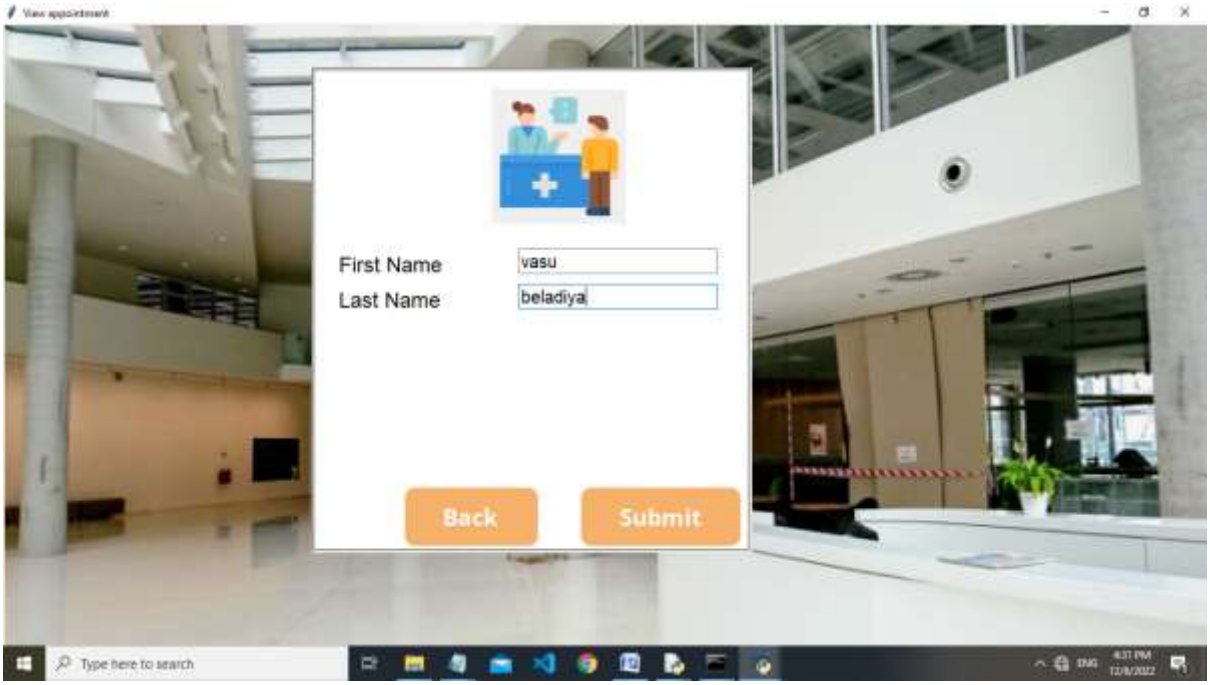


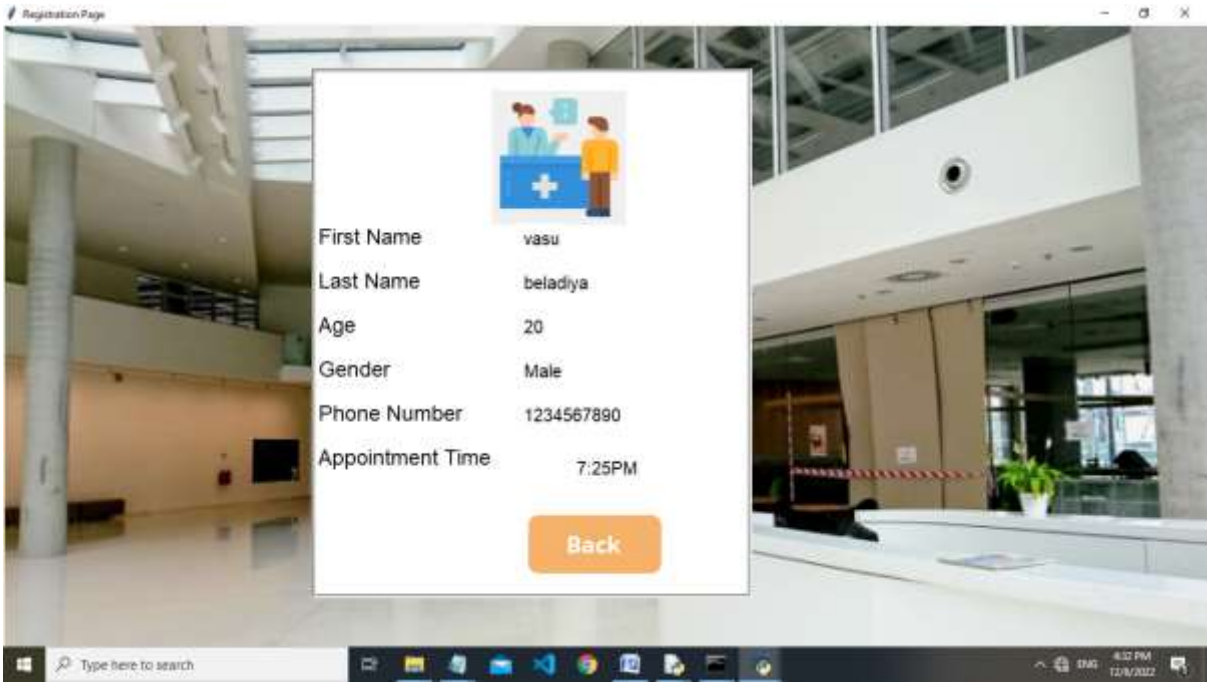
First page:

New Appointment:

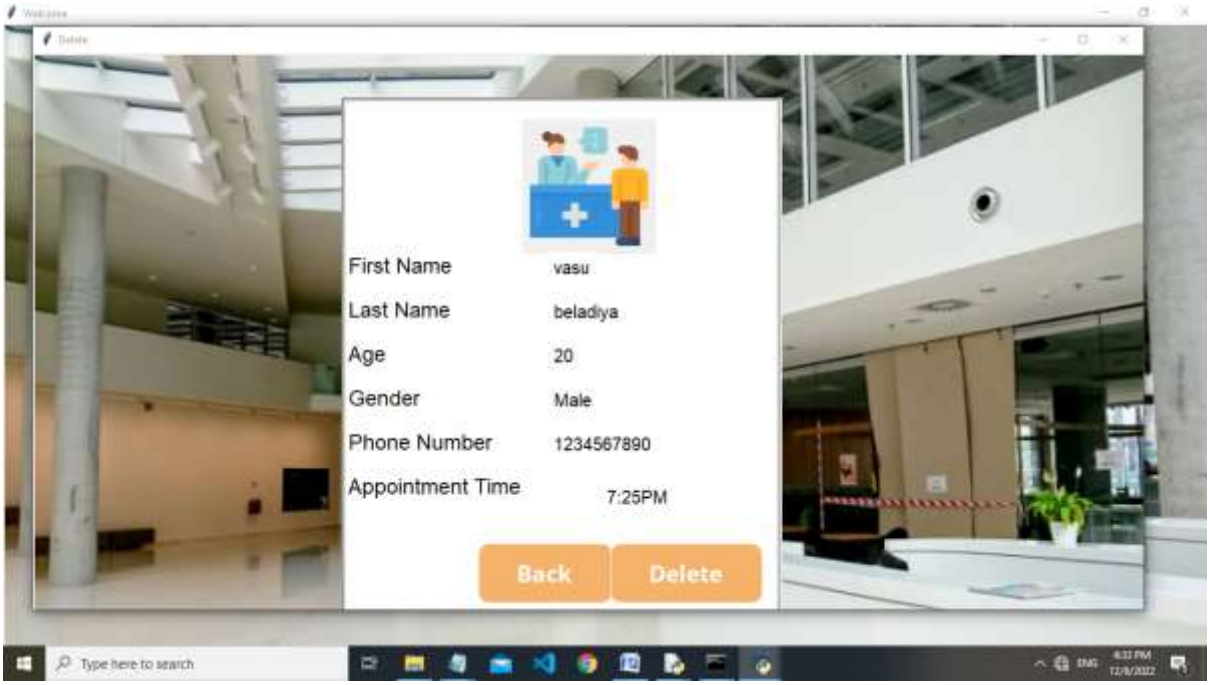


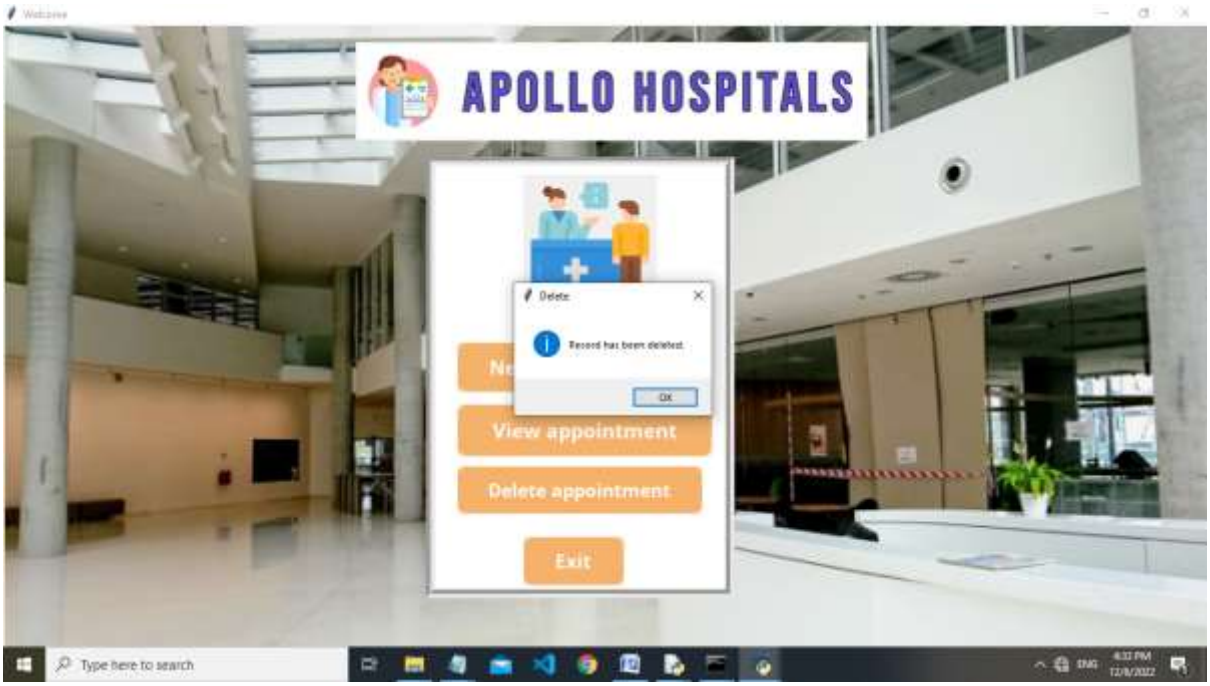
View Appointment:



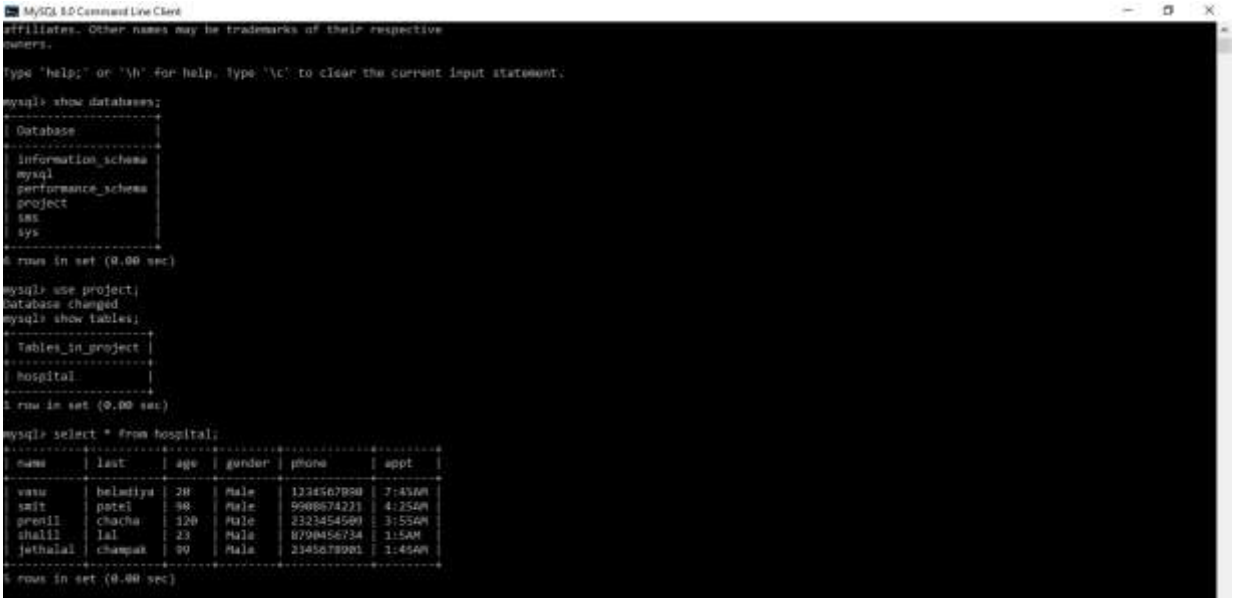


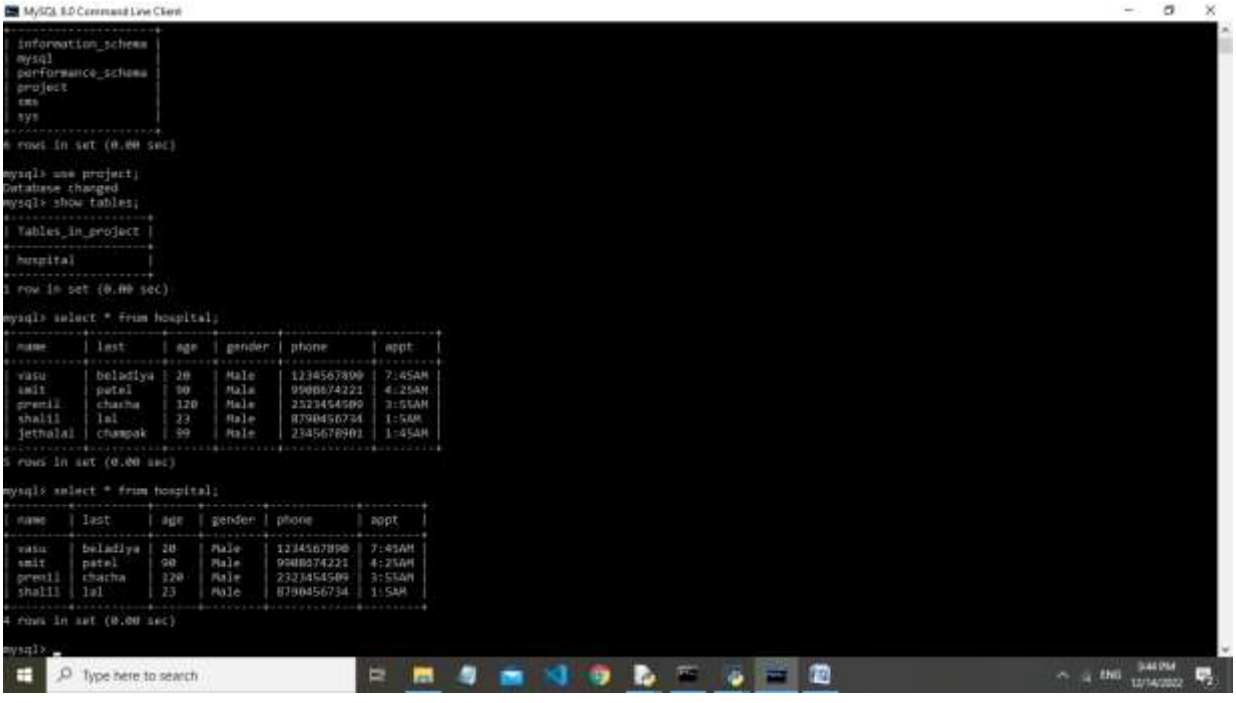
Delete Appointment:





Database Structure:





BILIOGRAPHY

- **Computer Science with Python – Class XII by: SumitaArora**

- **Website:**
  - www.youtube.com
  - www.Google.com
  - www.pythongo.com