DATING SYSTEM CODE

from tkinter import \*  
import re  
import mysql.connector  
import tkinter.messagebox as tsmg  
from PIL import ImageTk, Image  
from tkinter import filedialog  
from io import BytesIO  
from functools import partial  
global Ans1, E12  
global filename  
  
regex =**'^[a-z0-9]+[\.\_]?[a-z0-9]+[@]\w+[.]\w{2,3}$'***#mydb = mysql.connector.connect(host="localhost",user = "root",password = "NoSignal@0612",database = "rohitdatabase")*mydb1 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb2 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb3 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb4 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb6 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb11 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
mydb12 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
*#mydb13 = mysql.connector.connect(host = 'localhost',user = 'root',password = 'NoSignal@0612',database = 'rohitdatabase')*mydb14 = mysql.connector.connect(host = **'localhost'**,user = **'root'**,password = **'NoSignal@0612'**,database = **'rohitdatabase'**)  
  
*#mycursor = mydb.cursor()*mycursor1 = mydb1.cursor()  
mycursor2 = mydb2.cursor()  
mycursor3 = mydb3.cursor()  
mycursor4 = mydb4.cursor()  
mycursor6 = mydb6.cursor()  
mycursor11 = mydb11.cursor()  
mycursor12 = mydb12.cursor()  
*#mycursor13 = mydb13.cursor()*mycursor14 = mydb14.cursor()  
  
my\_db7 = mysql.connector.connect(host=**"localhost"**,user = **"root"**,password = **"NoSignal@0612"**,database = **"rohitdatabase"**)  
c7 = my\_db7.cursor()  
  
root20 = Tk()  
root20.title(**"LOGIN"**)  
root20.configure(bg=**"pink"**)  
root20.geometry(**'2000x750'**)  
  
img1 = Image.open(**"Capture8.PNG"**)  
img1 = img1.resize((350,300),Image.ANTIALIAS)  
img1 = ImageTk.PhotoImage(img1)  
label3 = Label(root20,image=img1)  
label3.place(x=0,y=0)  
  
img2 = Image.open(**"Capture8.PNG"**)  
img2 = img2.resize((350,300),Image.ANTIALIAS)  
img2 = ImageTk.PhotoImage(img2)  
label4 = Label(root20,image=img2)  
label4.place(x=1000,y=450)  
  
def logout():  
 quit()  
  
def validate():  
  
 my\_db8 = mysql.connector.connect(host=**"localhost"**, user=**"root"**, password=**"NoSignal@0612"**, database=**"rohitdatabase"**)  
 c8 = my\_db8.cursor()  
  
 c8.execute(**"select \* from DETAILS where Cid = %s and password = %s"**,(uname.get(),password.get()))  
 row = c8.fetchone()  
 if row == None :  
 tsmg.showerror(**"ERROR"**,**"INVALID USERNAME AND PASSWORD"**)  
 else :  
 global tup  
 tup = uname.get()  
 mydb = mysql.connector.connect(host=**"localhost"**, user=**"root"**, password=**"NoSignal@0612"**,  
 database=**"rohitdatabase"**)  
 mycursor = mydb.cursor()  
 stat = **"""SELECT \* from DETAILS where Cid not in (SELECT Cidr from Requests where Cida = %s) and gender = (SELECT genderpre from DETAILS where Cid = %s)"""** mycursor.execute(stat,(tup,tup))  
  
 def matches1():  
 c4.delete(text0)  
 c4.delete(text1)  
 c4.delete(text2)  
 c4.delete(text5)  
 c4.delete(text6)  
 c4.delete(text7)  
 c4.delete(text8)  
  
 text3.config(image=**''**)  
 matches()  
  
 def matches2():  
  
 stat3 = **"""SELECT \* from DETAILS where CID in  
 (Select cidr from Requests where cida = %s AND rel = TRUE  
 UNION  
 Select cida from Requests where cidr = %s AND rel = TRUE)"""** mycursor6.execute(stat3, (tup, tup))  
 matches()  
  
 def matches():  
  
 try:  
  
 global text0, text1, text2, text3, text5, text6, text7, text8, record  
 record = mycursor6.fetchone()  
 text0 = c4.create\_text(220, 460, text=record[1], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text1 = c4.create\_text(220, 490, text=record[2], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text2 = c4.create\_text(220, 520, text=record[6], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text5 = c4.create\_text(220, 550, text=record[7], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text6 = c4.create\_text(220, 580, text=record[9], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text7 = c4.create\_text(580, 520, text=record[10], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text8 = c4.create\_text(580, 490, text=record[11], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 logo = record[3]  
  
 img = Image.open(BytesIO(logo))  
 img = img.resize((400, 300), Image.ANTIALIAS)  
 phimg = ImageTk.PhotoImage(img)  
 text3 = Label(c4, image=phimg)  
 text3.phimg = phimg  
 text3.place(x=220, y=50)  
 *#mycursor6.close()* except Exception as e:  
  
 tsmg.showinfo(**"Congratulations"**, **"You have found this number of matches"**)  
 print(e)  
 root4.destroy()  
 home\_my\_profile()  
  
 def profile\_your\_matches():  
  
 global root4, c4  
 root4 = Toplevel()  
 root4.geometry(**"800x700"**)  
 root4.title(**"Your Matches"**)  
  
 photo4 = Image.open(**"Back2.jpg"**)  
 photo4 = photo4.resize((800, 700), Image.ANTIALIAS)  
 photo4 = ImageTk.PhotoImage(photo4)  
  
 c4 = Canvas(root4, width=800, height=700)  
 c4.place(x=0, y=0)  
 c4.create\_image(0, 0, image=photo4, anchor=**"nw"**)  
  
 c4.create\_text(100, 430, text=**"PROFILE DETAILS :"**, fill=**"yellow"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(80, 460, text=**"Name :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(85, 490, text=**"Age :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(75, 520, text=**"Hobbies :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(70, 550, text=**"Profession :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(75, 580, text=**"Location :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 l2 = Label(c4, text=**"Contact Details"**, bg=**"black"**, fg=**"yellow"**, relief=SUNKEN, borderwidth=5,  
 font=**"TimesNewRoman 13 bold"**, padx=20, pady=10)  
 l2.place(x=400, y=420)  
  
 c4.create\_text(400, 490, text=**"Contact Number :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c4.create\_text(415, 520, text=**"Email id :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 b10 = Button(c4, text=**"Next"**, bg=**"red"**, fg=**"white"**, command=matches1, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5)  
 b10.place(x=550, y=620)  
  
 def Him():  
 root4.destroy()  
 home\_my\_profile()  
  
 b12 = Button(c4, text=**"Back"**, bg=**"red"**, fg=**"white"**,command = Him, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5)  
 b12.place(x=50, y=20)  
  
 b11 = Button(c4, text=**"Logout"**, bg=**"red"**, fg=**"white"**, command=logout, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5)  
 b11.place(x=650, y=20)  
  
 matches2()  
 root4.mainloop()  
  
 def accept\_request():  
  
 tsmg.showinfo(**"Congratulations"**, **"You have accepted successfully"**)  
 temp = textd0  
 tup1 = (1,tup,temp)  
 sql = **"Update Requests set rel = %s where cida = %s AND cidr = %s"** mycursor3.execute(sql, tup1)  
 mydb3.commit()  
 your\_request1()  
  
 def decline\_request():  
  
 temp = textd0  
 tup2 = (temp, tup)  
 sql = **"Delete from Requests where cidr = %s AND cida = %s"** mycursor4.execute(sql, tup2)  
 mydb4.commit()  
 your\_request1()  
  
 def your\_request1():  
  
 c3.delete(textd1)  
 c3.delete(textd2)  
 c3.delete(textd6)  
 c3.delete(textd7)  
 c3.delete(textd9)  
 c3.delete(textr3)  
  
 textd3.config(image=**''**)  
 your\_request()  
  
 def your\_request():  
  
 try:  
  
 global textd0,textd1, textd2, textd3, textd6, textd7, textd9, textr3  
 record = mycursor1.fetchone()  
 var = mycursor2.fetchone()  
  
 textd0 = record[0]  
 textd1 = c3.create\_text(250, 160, text=record[1], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 textd2 = c3.create\_text(250, 190, text=record[2], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 textd6 = c3.create\_text(250, 220, text=record[6], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 textd7 = c3.create\_text(250, 250, text=record[7], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 textd9 = c3.create\_text(250, 280, text=record[9], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 textr3 = c3.create\_text(350, 430, text=var[3], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 logo = record[3]  
  
 img = Image.open(BytesIO(logo))  
 img = img.resize((300, 250), Image.ANTIALIAS)  
 phimg = ImageTk.PhotoImage(img)  
 textd3 = Label(c3, image=phimg)  
 textd3.phimg = phimg  
 textd3.place(x=450, y=100)  
  
 except:  
  
 tsmg.showinfo(**"Congratulations"**, **"You have reached end of Request Database"**)  
 root3.destroy()  
  
 def edprof():  
 def edit\_submit(tempstr):  
  
 mydb13 = mysql.connector.connect(host=**'localhost'**, user=**'root'**, password=**'NoSignal@0612'**,  
 database=**'rohitdatabase'**)  
 mycursor13 = mydb13.cursor()  
  
 def convertToBinaryForm(filename):  
 with open(filename, **'rb'**) as file:  
 Binary\_Data = file.read()  
  
 return Binary\_Data  
  
 photo = convertToBinaryForm(Ed24.get())  
  
 tuped = (photo, ed2.get(), ed3.get(), ed1.get(), ed4.get(), tup)  
 stated = **"""UPDATE DETAILS SET Image = %s,Profession = %s,Location = %s,Email\_id = %s,Number = %s where Cid = %s"""** mycursor13.execute(stated, tuped)  
 mycursor13.close()  
 mydb13.commit()  
 mydb13.close()  
 rooted.destroy()  
 home\_my\_profile()  
  
 def edit\_openfilename():  
 filename = filedialog.askopenfilename(title=**"UPLOAD PHOTO"**)  
 Ed24.insert(0, filename)  
 return filename  
  
 def edit():  
 x = edit\_openfilename()  
 i = Image.open(x)  
 i = i.resize((325, 250), Image.ANTIALIAS)  
 i = ImageTk.PhotoImage(i)  
 l = Label(rooted, image=i)  
 l.image = i  
 l.place(x=425, y=125)  
  
 rooted = Toplevel()  
 rooted.geometry(**"800x700"**)  
 rooted.title(**"Edit Profile"**)  
  
 photo = Image.open(**"Req.jpg"**)  
 photo = photo.resize((800, 700), Image.ANTIALIAS)  
 photo = ImageTk.PhotoImage(photo)  
  
 ced = Canvas(rooted, width=800, height=700)  
 ced.place(x=0, y=0)  
 ced.create\_image(0, 0, image=photo, anchor=**"nw"**)  
  
 ced.create\_text(120, 200, text=**" Email-ID :"**, fill=**"white"**, font=**"TimesNewRoman 14 bold"**)  
 ced.create\_text(120, 250, text=**"Profession :"**, fill=**"white"**, font=**"TimesNewRoman 14 bold"**)  
 ced.create\_text(120, 300, text=**" Location :"**, fill=**"white"**, font=**"TimesNewRoman 14 bold"**)  
 ced.create\_text(120, 350, text=**"Contact No :"**, fill=**"white"**, font=**"TimesNewRoman 14 bold"**)  
 ced.create\_text(120, 150, text=**"EDIT PROFILE DETAILS :"**, fill=**"yellow"**, font=**"TimesNewRoman 13 bold"**)  
  
 email = StringVar()  
 ed1 = Entry(rooted, borderwidth=3, width=25, textvariable=email)  
 ed1.place(x=215, y=190)  
  
 prof = StringVar()  
 ed2 = Entry(rooted, borderwidth=3, width=25, textvariable=prof)  
 ed2.place(x=215, y=240)  
  
 loc = StringVar()  
 ed3 = Entry(rooted, borderwidth=3, width=25, textvariable=loc)  
 ed3.place(x=215, y=290)  
  
 cont = StringVar()  
 ed4 = Entry(rooted, borderwidth=3, width=25, textvariable=cont)  
 ed4.place(x=215, y=340)  
  
 image = StringVar()  
 Ed24 = Entry(rooted, borderwidth=5, width=50, textvariable=image)  
 Ed24.place(x=435, y=450)  
  
 tempstr = Ed24.get()  
 bedit = Button(rooted, text=**"ADD IMAGE"**, bg=**"blue"**, fg=**"yellow"**, font=(**"bold"**, 13), command=edit)  
 bedit.place(x=540, y=400)  
  
 bedit1 = Button(rooted, text=**"SUBMIT"**, bg=**"green"**, fg=**"white"**, font=(**"bold"**, 13), command=partial(edit\_submit,tempstr))  
 bedit1.place(x=375, y=550)  
  
 rooted.mainloop()  
  
 def home\_my\_profile():  
  
 mydb5 = mysql.connector.connect(host=**"localhost"**, user=**"root"**, password=**"NoSignal@0612"**,  
 database=**"rohitdatabase"**)  
 mycursor5 = mydb5.cursor()  
 stat1 = **"""SELECT \* from DETAILS where Cid = %s"""** print(tup)  
 mycursor5.execute(stat1,(tup,))  
 root2 = Toplevel()  
 root2.geometry(**"800x700"**)  
 root2.title(**"My Profile"**)  
  
 photo2 = Image.open(**"Back0.jpg"**)  
 photo2 = photo2.resize((800, 700), Image.ANTIALIAS)  
 photo2 = ImageTk.PhotoImage(photo2)  
  
 c2 = Canvas(root2, width=800, height=700)  
  
 c2.place(x=0, y=0)  
 c2.create\_image(0, 0, image=photo2, anchor=**"nw"**)  
 c2.create\_text(120, 230, text=**"Age :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(108, 260, text=**"Profession :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(115, 290, text=**"Hobby :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(100, 320, text=**"Contact Number :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(92, 350, text=**"Gender Preference :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(110, 380, text=**"Location :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(113, 410, text=**"Email id :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c2.create\_text(115, 470, text=**"Question asked by you :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 try:  
 record = mycursor5.fetchone()  
  
 text5 = c2.create\_text(100, 30, text=**"Hi, "** + record[1], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text0 = c2.create\_text(300, 230, text=record[2], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text1 = c2.create\_text(300, 260, text=record[7], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text2 = c2.create\_text(300, 290, text=record[6], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text4 = c2.create\_text(300, 320, text=record[11], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text6 = c2.create\_text(300, 350, text=record[12], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text7 = c2.create\_text(300, 380, text=record[9], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text8 = c2.create\_text(300, 410, text=record[10], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 text9 = c2.create\_text(200, 500, text=record[4], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 logo = record[3]  
 img = Image.open(BytesIO(logo))  
 img = img.resize((300, 225), Image.ANTIALIAS)  
 phimg = ImageTk.PhotoImage(img)  
 text3 = Label(c2, image=phimg)  
 text3.phimg = phimg  
 text3.place(x=450, y=200)  
  
 def profile\_your\_request2():  
 root2.destroy()  
 profile\_your\_request()  
  
 b4 = Button(c2, text=**"Your Request"**, bg=**"blue"**, fg=**"white"**, relief=SUNKEN, borderwidth=3,  
 font=**"TimesNewRoman 10 bold"**, command=profile\_your\_request2, padx=50, pady=10)  
 b4.place(x=100, y=80)  
  
 mycursor5.close()  
  
 def profile\_your\_matches1():  
 root2.destroy()  
 profile\_your\_matches()  
  
 b5 = Button(c2, text=**"Your Matches"**, bg=**"blue"**, fg=**"white"**, relief=SUNKEN, borderwidth=3,  
 font=**"TimesNewRoman 10 bold"**, command=profile\_your\_matches1, padx=50, pady=10)  
 b5.place(x=500, y=80)  
  
 b6 = Button(c2, text=**"Logout"**, bg=**"yellow"**, fg=**"black"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, command=logout, padx=40, pady=5)  
 b6.place(x=650, y=20)  
  
 def edprof1():  
 root2.destroy()  
 edprof()  
  
 b7 = Button(c2, text=**" Edit Profile "**, bg=**"blue"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=10, command=edprof1)  
 b7.place(x=310, y=600)  
  
 def Push():  
 root2.destroy()  
 validate()  
  
 b8 = Button(c2, text=**" BACK "**, bg=**"blue"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=10, command=Push)  
 b8.place(x=110, y=600)  
  
  
 except Exception as e:  
  
 print(**"Error Occured"**, e)  
  
 root2.mainloop()  
  
 def profile\_your\_request():  
  
 stat2 = **"""Select \* from DETAILS where CID in  
 (Select cidr from Requests where cida = %s AND rel = 0)"""** mycursor1.execute(stat2,(tup,))  
 stat3 = **"""Select \* from Requests where cida = %s"""** mycursor2.execute(stat3,(tup,))  
 profile\_your\_request1()  
  
 def profile\_your\_request1():  
  
 global c3, root3  
 root3 = Toplevel()  
 root3.geometry(**"800x600"**)  
 root3.title(**"Your Request's"**)  
  
 photo3 = Image.open(**"Back4.jpg"**)  
 photo3 = photo3.resize((800, 600), Image.ANTIALIAS)  
 photo3 = ImageTk.PhotoImage(photo3)  
  
 c3 = Canvas(root3, width=800, height=600)  
 c3.place(x=0, y=0)  
 c3.create\_image(0, 0, image=photo3, anchor=**"nw"**)  
  
 c3.create\_text(105, 90, text=**"PROFILE DETAILS :"**, fill=**"yellow"**, font=**"TimesNewRoman 13 bold"**)  
 c3.create\_text(105, 160, text=**"Name :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c3.create\_text(110, 190, text=**"Age :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c3.create\_text(100, 220, text=**"Hobbies :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c3.create\_text(100, 250, text=**"Profession :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c3.create\_text(100, 280, text=**"Location :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
 c3.create\_text(140, 380, text=**"Answer to your Question:"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 b8 = Button(c3, text=**"Accept Request"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5, command=accept\_request)  
 b8.place(x=200, y=500)  
  
 b9 = Button(c3, text=**"Decline Request"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5, command=decline\_request)  
 b9.place(x=400, y=500)  
  
 b10 = Button(c3, text=**"Logout"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=3,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5, command=logout)  
 b10.place(x=650, y=30)  
  
 def Pushkar():  
 root3.destroy()  
 home\_my\_profile()  
  
 b11 = Button(c3, text=**"Back"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=3,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5, command=Pushkar)  
 b11.place(x=50, y=30)  
  
 your\_request()  
  
 root3.mainloop()  
  
 def request\_a\_date(string1):  
  
 def click(string):  
  
 answer\_text = answer.get(1.0, END + **"-1c"**)  
 stat = **"""INSERT into Requests(Cidr,Cida,rel,answer) values(%s,%s,%s,%s)"""** tup6 = (tup,string,0,answer\_text)  
 mycursor12.execute(stat, tup6)  
 mycursor12.close()  
 mydb12.commit()  
 mydb12.close()  
 root50.destroy()  
 home\_next1()  
  
 root50 = Toplevel()  
 root50.geometry(**"800x700"**)  
 root50.title(**"Request's"**)  
  
 *# Here is the photo for background image* photo = Image.open(**"Req.jpg"**)  
 photo = photo.resize((800, 700), Image.ANTIALIAS)  
 photo = ImageTk.PhotoImage(photo)  
  
 *# specifications for canvas* c1 = Canvas(root50, width=800, height=700)  
 c1.place(x=0, y=0)  
 c1.create\_image(0, 0, image=photo, anchor=**"nw"**)  
  
 *# sample query executed.Change it to whatever you want* stat3 = **"SELECT \* FROM DETAILS where Cid = %s"** mycursor11.execute(stat3,(string1,))  
 record = mycursor11.fetchone()  
  
 *# for title named Question in the program* c1.create\_text(400, 100, text=**"Question"**, fill=**"blue"**, font=**"TimesNewRoman 20 bold"**)  
  
 *# A rectangle for the outline* c1.create\_rectangle(650, 5, 150, 150, outline=**"white"**, width=**"2"**)  
  
 *# This gives the question stored in the database at the required index of the record.Again a sample, change it* c1.create\_text(400, 200, text=record[4], fill=**"white"**, font=**"TimesNewRoman 20 italic"**)  
  
 *# creates a text box for the user to enter.It is named as answer* answer = Text(root50, width=80, height=12, fg=**"white"**, bg=**"black"**, font=**"TimesNewRoman 10 bold"**)  
 answer.pack(padx=150)  
 answer.place(x=120, y=300)  
  
 *# Finally this is a button named submit* submit = Button(root50, text=**'Submit'**, width=10, bg=**"blue"**, fg=**"white"**,  
 command=partial(click, string1))  
 submit.pack()  
 submit.place(x=360, y=530)  
  
 root50.mainloop()  
  
 def home\_next1():  
  
 c1.delete(text1)  
 c1.delete(text2)  
 c1.delete(text5)  
 c1.delete(text6)  
 c1.delete(text7)  
 c1.delete(text9)  
 b2.pack\_forget()  
 text3.config(image=**''**)  
 home\_next()  
  
 def home\_next():  
  
 try:  
 global text1, text2, text3, text5, text6, text7, text9, record, b2  
 record = mycursor.fetchone()  
  
 text1 = c1.create\_text(480, 430, text=record[1], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text2 = c1.create\_text(480, 460, text=record[2], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text6 = c1.create\_text(480, 490, text=record[6], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text7 = c1.create\_text(480, 520, text=record[7], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 text9 = c1.create\_text(480, 550, text=record[9], fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 logo = record[3]  
  
 img = Image.open(BytesIO(logo))  
 img = img.resize((400, 300), Image.ANTIALIAS)  
 phimg = ImageTk.PhotoImage(img)  
  
 text3 = Label(c1, image=phimg)  
  
 text3.phimg = phimg  
 text3.place(x=200, y=80)  
  
 b3 = Button(c1, text=**"Request a Date"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=3,  
 font=**"TimesNewRoman 10 bold"**, padx=30, pady=5,command = partial(request\_a\_date,record[0]))  
 b3.place(x=200, y=620)  
  
 stat2 = **"""SELECT Persontest from DETAILS where Cid = %s"""** mycursor14.execute(stat2, (tup,))  
 for i in mycursor14:  
 Ans1 = i[0]  
  
 Ans2 = record[5]  
 c = 0  
  
 for i in range(len(Ans1)):  
 if (Ans1[i] == Ans2[i]):  
 c = c + 1  
  
 text5 = c1.create\_text(480, 580, text=c, fill=**"yellow"**, font=**"TimesNewRoman 12 bold"**)  
  
 except:  
  
 tsmg.showinfo(**"Congratulations"**, **"You have reached end of database"**)  
 root.destroy()  
  
 root = Toplevel()  
 root.geometry(**"800x700"**)  
 root.title(**"Home"**)  
  
 photo = Image.open(**"2.jpg"**)  
 photo = photo.resize((800, 700), Image.ANTIALIAS)  
 photo = ImageTk.PhotoImage(photo)  
  
 c1 = Canvas(root, width=800, height=700)  
 c1.place(x=0, y=0)  
 c1.create\_image(0, 0, image=photo, anchor=**"nw"**)  
  
 c1.create\_text(308, 430, text=**"Name :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 c1.create\_text(310, 460, text=**"Age :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 c1.create\_text(305, 490, text=**"Hobby :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 c1.create\_text(300, 520, text=**"Profession :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 c1.create\_text(300, 550, text=**"Location :"**, fill=**"white"**, font=**"TimesNewRoman 12 bold"**)  
  
 c1.create\_text(300, 580, text=**"Number of Answers Matched :"**, fill=**"yellow"**, font=**"TimesNewRoman 12 bold"**)  
  
 home\_next()  
 b1 = Button(root, text=**"Next"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=2, font=**"TimesNewRoman 10 bold"**,  
 command=home\_next1, padx=30, pady=5)  
 b1.place(x=500, y=620)  
  
 def home\_my\_profile1():  
 *#mycursor.close()* root.destroy()  
 home\_my\_profile()  
  
 b2 = Button(root, text=**"My Profile"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=15, command=home\_my\_profile1)  
 b2.place(x=680, y=50)  
  
 b3 = Button(c1, text=**"Logout"**, bg=**"red"**, fg=**"white"**, relief=SUNKEN, borderwidth=2,  
 font=**"TimesNewRoman 10 bold"**, padx=15, command=logout)  
 b3.place(x=20, y=50)  
  
 root.mainloop()  
  
 c8.close()  
 my\_db8.commit()  
 my\_db8.close()  
  
def register():  
  
 def con():  
  
 def p():  
 def convertToBinaryForm(filename):  
 with open(filename, **'rb'**) as file:  
 Binary\_Data = file.read()  
  
 return Binary\_Data  
  
 photo = E12.get()  
  
 una = uname.get()  
 na = name.get()  
 ag = age.get()  
 photo = convertToBinaryForm(photo)  
 de = des.get()  
 qu = a.get() + b.get() + m.get() + d.get() + e.get()  
 ho = hobbies.get()  
 pr = profession.get()  
 cl4 = clicked4.get()  
 lo = location.get()  
 ma = mail.get()  
 co = contact.get()  
 cl5 = clicked5.get()  
 pas = password.get()  
  
 sql\_statement = **"Insert into DETAILS(Cid,Name,Age,Image,Question,Persontest,hobby,Profession,Gender,Location,Email\_id,Number,genderpre,Password) "** \  
 **"values(%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)"** put\_tuple = (una, na, ag, photo, de, qu, ho, pr, cl4, lo, ma, co, cl5, pas)  
 c7.execute(sql\_statement, put\_tuple)  
 c7.close()  
 my\_db7.commit()  
 my\_db7.close()  
 logout()  
  
 top1 = Toplevel()  
 top1.title(**"REGISTRATION"**)  
 top1.geometry(**"1800x1100"**)  
 top1.config(bg=**'magenta'**)  
  
 l1 = Label(top1, text=**"WHAT WOULD YOU PREFER...."**, bg=**'magenta'**, font=(**'bold'**, 30))  
 l1.place(x=0, y=40)  
  
 l2 = Label(top1, text=**"1)"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 l2.place(x=0, y=150)  
  
 a = StringVar()  
 a.set(**" "**)  
 b1 = Radiobutton(top1, text=**"DOG"**, variable=a, value=**"1"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 b2 = Radiobutton(top1, text=**"CAT"**, variable=a, value=**"2"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
  
 b1.place(x=100, y=150)  
 b2.place(x=300, y=150)  
  
 l2 = Label(top1, text=**"2)"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 l2.place(x=0, y=300)  
  
 b = StringVar()  
 b.set(**" "**)  
 b1 = Radiobutton(top1, text=**"MOUNTAIN"**, variable=b, value=**"1"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 b2 = Radiobutton(top1, text=**"BEACH"**, variable=b, value=**"2"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
  
 b1.place(x=100, y=300)  
 b2.place(x=300, y=300)  
  
 l2 = Label(top1, text=**"3)"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 l2.place(x=0, y=450)  
  
 m = StringVar()  
 m.set(**" "**)  
 b1 = Radiobutton(top1, text=**"RED WINE"**, variable=m, value=**"1"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 b2 = Radiobutton(top1, text=**"WHITE WINE"**, variable=m, value=**"2"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
  
 b1.place(x=100, y=450)  
 b2.place(x=300, y=450)  
  
 l2 = Label(top1, text=**"4)"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 l2.place(x=800, y=150)  
  
 d = StringVar()  
 d.set(**" "**)  
 b1 = Radiobutton(top1, text=**"SINGINIG"**, variable=d, value=**"1"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 b2 = Radiobutton(top1, text=**"DANCING"**, variable=d, value=**"2"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
  
 b1.place(x=900, y=150)  
 b2.place(x=1100, y=150)  
  
 l2 = Label(top1, text=**"5)"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 l2.place(x=800, y=300)  
  
 e = StringVar()  
 e.set(**" "**)  
 b1 = Radiobutton(top1, text=**"USA"**, variable=e, value=**"1"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
 b2 = Radiobutton(top1, text=**"LONDON"**, variable=e, value=**"2"**, bg=**"magenta"**, fg=**"black"**, font=(**'bold'**, 15))  
  
 b1.place(x=900, y=300)  
 b2.place(x=1100, y=300)  
  
 *#b\_back = Button(top1, text="BACK", bg="blue", font=("bold", 13))* b\_next = Button(top1, text=**"SUBMIT"**,borderwidth = 5, bg=**"yellow"**,padx = 40, font=(**"bold"**, 13), command=p)  
  
 *#b\_back.place(x=500, y=640)* b\_next.place(x=600, y=600)  
  
 top1.mainloop()  
  
 root = Toplevel()  
 root.config(bg=**"magenta"**)  
 root.title(**"REGISTRATION"**)  
 img\_register = Image.open(**"Capture6.PNG"**)  
 resized = img\_register.resize((1700, 1500), Image.ANTIALIAS)  
 img\_register = ImageTk.PhotoImage(resized)  
  
 label9 = Label(root, image=img\_register)  
 label9.pack()  
  
 def openfilename():  
 filename = filedialog.askopenfilename(title=**"UPLOAD PHOTO"**)  
 E12.insert(0, filename)  
 return filename  
  
 def link():  
  
 x = openfilename()  
 i = Image.open(x)  
 i = i.resize((400, 300), Image.ANTIALIAS)  
 i = ImageTk.PhotoImage(i)  
 l = Label(root, image=i)  
 l.image = i  
 l.place(x=920, y=60)  
  
 b = Button(root, text=**"ADD IMAGE"**, bg=**"blue"**, fg=**"yellow"**, font=(**"bold"**, 20), command=link)  
 b.place(x=1040, y=400)  
  
 image = StringVar()  
 E12 = Entry(root, borderwidth=5, width=50, textvariable=image)  
 E12.place(x=975, y=480)  
  
 title = Label(root, text=**"REGISTRATION FORM"**, fg=**"white"**, bg=**"blue"**, font=(**"bold"**, 15))  
 title.place(x=600, y=30)  
  
 label1 = Label(root, text=**"NAME "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label1.place(x=550, y=80)  
  
 def on\_entry\_click(event):  
 if e1.get() == **' Fname Mname Lname'**:  
 e1.delete(0, **"end"**)  
 e1.insert(0, **''**)  
 e1.config(fg=**'black'**)  
  
 name = StringVar()  
 e1 = Entry(root, borderwidth=5, width=25, textvariable=name)  
 e1.place(x=690, y=80)  
 e1.insert(0, **" Fname Mname Lname"**)  
 e1.bind(**'<FocusIn>'**, on\_entry\_click)  
 e1.config(fg=**'grey'**, font=(**"bold"**, 10))  
  
 label2 = Label(root, text=**"EMAIL-ID "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label2.place(x=550, y=140)  
  
 mail = StringVar()  
 e2 = Entry(root, borderwidth=5, width=25, textvariable=mail)  
 e2.place(x=690, y=140)  
  
 label3 = Label(root, text=**"LOCATION "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label3.place(x=550, y=200)  
  
 location = StringVar()  
 e3 = Entry(root, borderwidth=5, width=25, textvariable=location)  
 e3.place(x=690, y=200)  
  
 label4 = Label(root, text=**"CONTACT NO"**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label4.place(x=550, y=260)  
  
 contact = IntVar()  
 contact.set(**" "**)  
 e4 = Entry(root, borderwidth=5, width=25, textvariable=contact)  
 e4.place(x=690, y=260)  
  
 label5 = Label(root, text=**"GENDER "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label5.place(x=550, y=320)  
  
 clicked4 = StringVar()  
 clicked4.set(**"GENDER"**)  
 drop4 = OptionMenu(root, clicked4, **"Male"**, **"Female"**, **"Other"**)  
 drop4.place(x=690, y=320)  
  
 label6 = Label(root, text=**"GENDER** \n**PREFERENCE"**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label6.place(x=550, y=380)  
  
 clicked5 = StringVar()  
 clicked5.set(**"GENDER"**)  
 drop5 = OptionMenu(root, clicked5, **"Male"**, **"Female"**, **"Other"**)  
 drop5.place(x=690, y=380)  
  
 label6 = Label(root, text=**"PROFESSION "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label6.place(x=550, y=440)  
  
 profession = StringVar()  
 e5 = Entry(root, borderwidth=5, width=25, textvariable=profession)  
 e5.place(x=690, y=440)  
  
 label7 = Label(root, text=**"AGE "**, bg=**"magenta"**, fg=**"black"**, font=(**"bold"**, 12))  
 label7.place(x=550, y=500)  
  
 age = IntVar()  
 age.set(**" "**)  
 e7 = Entry(root, borderwidth=5, width=25, textvariable=age)  
 e7.place(x=690, y=500)  
  
 def connect():  
  
 global img, hobbies, des, uname, password, c\_password  
  
 top = Toplevel()  
 top.title(**"REGISTRATION"**)  
 top.geometry(**"1400x1000"**)  
  
 img = Image.open(**"Background2.png"**)  
 resized = img.resize((1400, 900), Image.ANTIALIAS)  
 img = ImageTk.PhotoImage(resized)  
  
 label1 = Label(top, image=img)  
 label1.place(x=0, y=0)  
  
 title = Label(top, text=**"REGISTRATION FORM"**, fg=**"white"**, bg=**"blue"**, font=(**"bold"**, 15))  
 title.place(x=550, y=30)  
  
 label2 = Label(top, text=**"USERNAME "**, bg=**"magenta"**, fg=**"blue"**, font=(**"bold"**, 13))  
 label2.place(x=500, y=300)  
  
 def on\_entry\_click1(event):  
 if e1.get() == **'Email-ID/Phone no.'**:  
 e1.delete(0, **"end"**)  
 e1.insert(0, **''**)  
 e1.config(fg=**'black'**)  
  
 uname = StringVar()  
 e1 = Entry(top, width=25, borderwidth=5, textvariable=uname)  
 e1.place(x=650, y=300)  
 e1.insert(0, **"Email-ID/Phone no."**)  
 e1.bind(**'<FocusIn>'**, on\_entry\_click1)  
 e1.config(fg=**'grey'**, font=(**"bold"**, 10))  
  
 label2 = Label(top, text=**"PASSWORD "**, bg=**"magenta"**, fg=**"blue"**, font=(**"bold"**, 13))  
 label2.place(x=500, y=360)  
  
 def on\_entry\_click2(event):  
 if e2.get() == **'Minimum 8 characters'**:  
 e2.delete(0, **"end"**)  
 e2.insert(0, **''**)  
 e2.config(fg=**'black'**)  
  
 password = StringVar()  
 e2 = Entry(top, width=25, borderwidth=5, textvariable=password)  
 e2.place(x=650, y=360)  
 e2.insert(0, **"Minimum 8 characters"**)  
 e2.bind(**'<FocusIn>'**, on\_entry\_click2)  
 e2.config(fg=**'grey'**, font=(**"bold"**, 10))  
  
 label2 = Label(top, text=**"CONFIRM** \n**PASSWORD "**, bg=**"magenta"**, fg=**"blue"**, font=(**"bold"**, 13))  
 label2.place(x=500, y=420)  
  
 c\_password = StringVar()  
 e3 = Entry(top, width=30,show = **'\*'**, borderwidth=5, textvariable=c\_password)  
 e3.place(x=650, y=420)  
  
 label3 = Label(top, text=**"HOBBIES "**, bg=**"magenta"**, fg=**"blue"**, font=(**"bold"**, 13))  
 label3.place(x=500, y=180)  
  
 hobbies = StringVar()  
 e4 = Entry(top, width=25, borderwidth=5, textvariable=hobbies)  
 e4.place(x=650, y=180)  
  
 label4 = Label(top, text=**"PERSONAL** \n**QUESTION "**, bg=**"magenta"**, fg=**"blue"**, font=(**"bold"**, 13))  
 label4.place(x=500, y=230)  
  
 des = StringVar()  
 e5 = Entry(top, width=25, borderwidth=5, textvariable=des)  
 e5.place(x=650, y=240)  
  
 *#b\_back = Button(top, text="BACK", bg="blue", fg="white", font=("bold", 13))  
 #b\_back.place(x=500, y=540)* def con1():  
 a = e2.get()  
 b = e3.get()  
 if(e3.get() == **""** or e4.get() == **""** or e5.get() == **""**):  
 tsmg.showinfo(**"Error"**,**"Fill the Details"**)  
 elif(len(a) < 8):  
 tsmg.showinfo(**"Error"**,**"Invalid Password"**)  
 elif(a != b):  
 tsmg.showinfo(**"Error"**,**"Password not matched"**)  
 else:  
 con()  
  
 b\_submit = Button(top, text=**"NEXT"**,borderwidth = 5, command=con1, bg=**"blue"**, fg=**"white"**,padx = 25, font=(**"bold"**, 13))  
 b\_submit.place(x=600, y=540)  
  
 top.mainloop()  
  
 def connect1():  
 a = e4.get()  
 if(e2.get() == **""** or e3.get() == **""** or e4.get() == **""** or e5.get() == **""** or E12.get == **""**):  
 tsmg.showinfo(**"Error"**, **"Fill the details"**)  
 elif(e2.get() != **""**):  
 if(re.search(regex,e2.get())):  
 if (len(a) != 11):  
 tsmg.showinfo(**"Error"**, **"Invalid Contact Number"**)  
 else:  
 connect()  
 else:  
 tsmg.showinfo(**"Error"**,**"Invalid Email"**)  
  
 *#b1 = Button(root, text="BACK", bg="blue", fg="white", font=("bold", 13))* b2 = Button(root, text=**"NEXT"**, bg=**"blue"**,borderwidth = 5, fg=**"white"**, font=(**"bold"**, 13),padx = 25, command=connect1)  
  
 *#b1.place(x=550, y=570)* b2.place(x=650, y=570)  
  
 root.mainloop()  
  
title = Label(root20,text=**"LOGIN FORM"**,bg=**"black"**,fg=**"white"**,font=(**"italic"**,15))  
title.place(x=600,y=200)  
  
label1 = Label(root20,text=**"USERNAME : "**,bg=**"pink"**,fg=**"red"**,font=(**"bold"**,10))  
label1.place(x=525,y=300)  
  
uname=StringVar()  
e1 = Entry(root20,borderwidth=5,textvariable=uname)  
e1.place(x=700,y=300)  
  
label2 = Label(root20,text=**"PASSWORD : "**,bg=**"pink"**,fg=**"red"**,font=(**"bold"**,10))  
label2.place(x=525,y=350)  
  
password = StringVar()  
e2 = Entry(root20,borderwidth=5,show = **'\*'**,textvariable=password)  
e2.place(x=700,y=350)  
  
def validate1():  
 if uname.get() == **""** and password.get() == **""** :  
 tsmg.showerror(**"ERROR"**,**"FILL THE DETAILS"**)  
 else :  
 root20.destroy()  
 validate()  
  
b1 = Button(root20,text=**"LOGIN"**,bg=**"blue"**,padx = 30,fg=**"white"**,font=(**"bold"**,10),borderwidth=5,command=validate1)  
b1.place(x=525,y=450)  
  
def register1():  
 root20.destroy()  
 register()  
  
b2 = Button(root20,text=**"REGISTER"**,bg=**"blue"**,padx = 30,fg=**"white"**,font=(**"bold"**,10),borderwidth=5,command = register1)  
b2.place(x=700,y=450)  
  
root20.mainloop()