***Python Mini Project-Car Rental***

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**CODE:**

**from** tkinter **import \***

**import** home **as** w

**import** sqlite3

conn**=**sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

conn.execute**("CREATE TABLE IF NOT EXISTS car\_available\**

**(car\_name VARCHAR PRIMARY KEY ,\**

**mileage INT,\**

**model VARCHAR,\**

**available INT);")**

print**("car\_available table created ")**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Honda',100,'A',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Mercedes',30,'MH876',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Mustang',22,'HY234',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Audi',23,'HUI78',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Sedan',21,'UPC978',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Mini',20,'FTH865',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Chevrolt',40,'PQR768',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Hyundai',33,'AKM987',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Range Rover',18,'QWT123',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Ferrari',19,'HJE765',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('peugeot',18,'MNB176',-1)")**;

conn.commit**()**

conn.execute**("INSERT OR REPLACE INTO car\_available(car\_name,mileage,model,available) VALUES ('Lotus',19,'MNB765',-1)")**;

conn.commit**()**

root **=** Tk**()**

root.title**("Car Rental")**

mb **=** w.Home**(**root**)**

root.mainloop**()**

**from** tkinter **import \***

**import** sqlite3

**import** tkinter.messagebox

conn **=** sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

conn.execute**("CREATE TABLE IF NOT EXISTS ENTRIES \**

**(NAME TEXT PRIMARY KEY NOT NULL, \**

**CONTACT INT NOT NULL, \**

**SOURCE TEXT NOT NULL, \**

**DESTINATION TEXT NOT NULL, \**

**NOFDAYS INT);")**

print**("Table created successfully")**

#conn.execute("CREATE TABLE IF NOT EXISTS car\_available\

#(car\_name VARCHAR PRIMARY KEY ,\

#mileage INT,\

# model VARCHAR,\

# available INT);")

print**("CAR DETAILS ENTERED INTO TABLE ")**

**class book(**Frame**):**

**def \_\_init\_\_(**self,root**):**

Frame.\_\_init\_\_**(**self,root**)**

self.f**=**Frame**(**root,height**=**1000,width**=**1200,bg**='brown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.f1 **=** Frame**(**self.f, width**=**1200, height**=**250, bd**=**8,bg**='sandybrown')**

self.f1.place**(**x**=**25, y**=**20,width**=**1150, height**=**250**)**

self.f2 **=** Frame**(**self.f, width**=**1150, height**=**270, bd**=**8,bg**='sandybrown')**

self.f2.place**(**x**=**25, y**=**300,width**=**1150, height**=**250**)**

self.f3 **=** Frame**(**self.f, width**=**1150, height**=**100, bd**=**8,bg**='sandybrown')**

self.f3.place**(**x**=**25, y**=**580,width**=**1150, height**=**100**)**

lblCustomerName **=** Label**(**self.f1, font**=('arial'**, 10, **'bold')**, text**='CUSTOMER NAME:'**, bd**=**8, fg**='BLACK'**,

bg**='sandybrown')**

lblCustomerName.place**(**x**=**350, y**=**50**)**

self.txtCustomerName **=** Entry**(**self.f1, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtCustomerName.place**(**x**=**650, y**=**50**)**

lblContactNo **=** Label**(**self.f1, font**=('arial'**, 10, **'bold')**, text**='CONTACT NO.:'**, bd**=**8, fg**='BLACK'**, bg**='sandybrown')**

lblContactNo.place**(**x**=**350, y**=**120**)**

self.txtContactNo **=** Entry**(**self.f1, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtContactNo.place**(**x**=**650, y**=**120**)**

self.var **=** StringVar**(**root**)**

option **=** OptionMenu**(**self.f1, self.var, **'Honda'**, **'Mercedes'**, **'Mustang'**, **'Audi'**, **'Sedan'**, **'Mini'**,

**'Chevrolt'**, **'Hyundai'**, **'Range Rover'**, **'Ferrari'**, **'peugeot'**, **'Lotus')**

# self.var.set('CAR')

option.place**(**x**=**650, y**=**190**)**

lbltype **=** Label**(**self.f1, font**=('arial'**, 10, **'bold')**, text**='SELECT TYPE OF VEHICLE:'**, bd**=**4, fg**='BLACK'**,

bg**='sandybrown')**

lbltype.place**(**x**=**350, y**=**190**)**

w **=** Message**(**self.f1, text**="BOOK CAR "**,

font**=('calibri'**, 17, **'bold')**, width**=**1000, fg**='BLACK'**, bg**='sandybrown')**

w.place**(**x**=**480,y**=**0**)**

lblNoOfDaysRented **=** Label**(**self.f2, font**=('arial'**, 10, **'bold')**, text**='NO. OF DAYS RENTED:'**, bd**=**8, fg**='BLACK'**,

bg**='sandybrown')**

lblNoOfDaysRented.place**(**x**=**550, y**=**50**)**

self.txtNoOfDaysRented **=** Entry**(**self.f2, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtNoOfDaysRented.place**(**x**=**750, y**=**50**)**

lblSource **=** Label**(**self.f2, font**=('arial'**, 10, **'bold')**, text**='SOURCE:'**, bd**=**8, fg**='BLACK'**, bg**='sandybrown')**

lblSource.place**(**x**=**150, y**=**50**)**

self.txtSource **=** Entry**(**self.f2, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtSource.place**(**x**=**250, y**=**50**)**

lblDestination **=** Label**(**self.f2, font**=('arial'**, 10, **'bold')**, text**='DESTINATION:'**, bd**=**8, fg**='BLACK'**, bg**='sandybrown')**

lblDestination.place**(**x**=**120, y**=**150**)**

self.txtDestination **=** Entry**(**self.f2, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtDestination.place**(**x**=**250, y**=**150**)**

lblTotal **=** Label**(**self.f2, font**=('arial'**, 10, **'bold')**, text**='TOTAL:'**, bd**=**8, fg**='BLACK'**, bg**='sandybrown')**

lblTotal.place**(**x**=**650, y**=**150**)**

self.txtTotal **=** Entry**(**self.f2, font**=('arial'**, 10, **'bold')**, width**=**31, justify**='left')**

self.txtTotal.place**(**x**=**750, y**=**150**)**

btnTotal **=** Button**(**self.f3, text**='TOTAL'**, padx**=**4, pady**=**4, fg**='black'**, bg**='brown'**,

font**=('arial'**, 12, **'bold')**, width**=**14, height**=**1,command**=**self.rentalCost**)**.place**(**x**=**200, y**=**20**)**

btnBook **=** Button**(**self.f3, text**='BOOK'**, padx**=**4, pady**=**4, fg**='black'**, bg**='brown'**,

font**=('arial'**, 12, **'bold')**, width**=**14, height**=**1,command**=**self.book\_car**)**.place**(**x**=**500, y**=**20**)**

btnExit **=** Button**(**self.f3, text**='BACK'**, padx**=**4, pady**=**4, fg**='black'**, bg**='Red'**,

font**=('arial'**, 12, **'bold')**, width**=**14, height**=**1,command**=**self.back**)**.place**(**x**=**800, y**=**20**)**

**def back(**self**):**

**import** user

self.f.destroy**()**

user.User**(**self.master**)**

**def rentalCost(**self**):**

noOfDays **=** int**(**self.txtNoOfDaysRented.get**())**

**if** self.var.get**()=="Honda" or** self.var.get**()=="Sedan" or** self.var.get**()=="Mini" or** self.var.get**()=="Hyundai" or** self.var.get**()=="Range Rover":**

rent **=** noOfDays**\***800

**elif** self.var.get**()=="Mercedes" or** self.var.get**()=="Mustang":**

rent **=** noOfDays**\***1000

**elif** self.var.get**()=="Audi" or** self.var.get**()=="Ferrari":**

rent **=** noOfDays**\***2000

**elif** self.var.get**()=="peugeot" or** self.var.get**()=="Lotus":**

rent **=** noOfDays**\***2200

**else:**

rent **=** noOfDays**\***3000

self.txtTotal.delete**(**0, tkinter.END**)**

self.txtTotal.insert**(**0, rent**)**

**return**

**def book\_car(**self**):**

**if** self.txtCustomerName**=='' or** self.txtNoOfDaysRented**=='' or** self.txtSource**=='' or** self.txtDestination**=='' or** self.txtContactNo**=='':**

tkinter.messagebox.showinfo**("Error"**,**"PLEASE FILL ALL DETAILS BEFORE BOOKING")**

**if** self.var.get**()=='':**

tkinter.messagebox.showinfo**("Error"**,**"SELECT A VEHICLE BEFORE BOOKING")**

**else:**

#print(str(self.var.get()))

cursor **=** conn.execute**("SELECT available FROM car\_available WHERE car\_name=?"**,**(**self.var.get**()**,**))**

data **=** cursor.fetchone**()**

r **=** int**(**data**[**0**])**

**if** r **==** 1**:**

self.rentalCost**()**

conn.execute**("UPDATE car\_available SET available=0 WHERE car\_name=?"**,**(**self.var.get**()**,**))**

conn.commit**()**

self.insert**()**

tkinter.messagebox.showinfo**("SUCCESSFUL"**, **"BOOKING DONE")**

**else:**

tkinter.messagebox.showinfo**("VEHICLE NOT AVAILABLE"**, **"TRY BOOKING LATER SELECTED VEHICLE IS NOT AVAILABLE")**

**def insert(**self**):**

**if** self.txtCustomerName.get**()=='' or** self.txtContactNo.get**()==**0 **or** self.txtSource.get**()=='' or** self.txtDestination.get**()=='' or** self.txtNoOfDaysRented.get**()==**0 **or** self.var.get**()=='':**

tkinter.messagebox.showinfo**("Error"**, **"Please Enter all the details")**

self.f.destroy**()**

self.book\_car**()**

**else:**

**try:**

conn.execute**("INSERT INTO ENTRIES (NAME,CONTACT,SOURCE,DESTINATION,NOFDAYS) \**

**VALUES (?,?,?,?,?)"**,**(**self.txtCustomerName.get**()**,self.txtContactNo.get**()**,self.txtSource.get**()**,self.txtDestination.get**()**,self.txtNoOfDaysRented.get**()**,**))**

conn.commit**()**

**except** sqlite3.IntegrityError**:**

tkinter.messagebox.showinfo**("Error"**, **"The entered ID is already present")**

**else:**

tkinter.messagebox.showinfo**("BOOKED"**, **"YOUR VEHICLE IS BOOKED!!")**

self.txtCustomerName.delete**(**0, END**)**

self.txtContactNo.delete**(**0, END**)**

self.txtSource.delete**(**0, END**)**

self.txtDestination.delete**(**0, END**)**

self.txtNoOfDaysRented.delete**(**0, END**)**

self.txtTotal.delete**(**0, END**)**

**from** tkinter **import \***

**import** tkinter.messagebox

**import** sqlite3

conn**=**sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

conn.execute**("CREATE TABLE IF NOT EXISTS car\_available\**

**(car\_name VARCHAR PRIMARY KEY,\**

**mileage INT,\**

**model VARCHAR,\**

**available INT);")**

**class Delete(**Frame**):**

**def \_\_init\_\_(**self, root**):**

Frame.\_\_init\_\_**(**self, root**)**

self.f **=** Frame**(**root, height**=**1000, width**=**1200,bg**='sandy brown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.l0 **=** Label**(**self.f, text**="DELETE CAR"**,font**=("Arial"**, 20**)**,bg**='sandy brown')**

self.l1 **=** Label**(**self.f, text**="carname:"**,font**=("Arial"**, 18**)**,bg**='sandy brown')**

self.e1 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**, font**=("Arial"**, 14**))**

self.l0.place**(**x**=**510, y**=**200**)**

self.l1.place**(**x**=**420, y**=**280**)**

self.e1.place**(**x**=**550, y**=**280**)**

self.b **=** Button**(**self.f, text**="Delete"**, width**="20"**, height**="2"**, activebackground**='gray'**,

activeforeground**='red'**, bg**='brown'**,command**=**self.checkcarname**)**

self.b.place**(**x**=**450, y**=**400**)**

b1 **=** Button**(**self.f, text**='Back'**, height**=**2, width**=**20, bg**='red'**,command**=**self.back**)**

b1.place**(**x**=**700, y**=**400**)**

**def checkcarname(**self**):**

name **=** self.e1.get**()**

**if** name **== "":**

tkinter.messagebox.showinfo**("Error"**, **"PLEASE FILL ALL THE CREDENTIALS")**

**else:**

**try:**

conn.execute**("UPDATE car\_available SET available=-1 WHERE car\_name=?"**, **(**name,**))**

conn.commit**()**

conn.commit**()**

**except** sqlite3.IntegrityError**:**

tkinter.messagebox.showinfo**("Error"**, **"CANNOT BE DELETED")**

**else:**

tkinter.messagebox.showinfo**("DELETED"**, **"CAR DELETED!!")**

self.e1.delete**(**0, END**)**

**def back(**self**):**

**import** adminlog

self.f.destroy**()**

adminlog.Admin**(**self.master**)**

**from** tkinter **import \***

**import** sys

**from** PIL **import** ImageTk,Image

**from** tkinter **import** Tk, Label, PhotoImage

**class Home(**Frame**):**

**def \_\_init\_\_(**self, root**):**

Frame.\_\_init\_\_**(**self, root**)**

self.f **=** Frame**(**root, height**=**1000, width**=**1200,bg**='sandybrown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.master **=** root

l1 **=** Label**(**self.f, text**="DDJS CAR RENTALS"**, fg**='red'**, height**=**2, width**=**66, font**=('bold'**, 12**)**,bg**='black')**

l1.place**(**x**=**0, y**=**4**)**

b1 **=** Button**(**self.f, text**='Login'**, height**=**2, width**=**20, command**=**self.login,activebackground**='gray'**,activeforeground**='red'**,bg**='brown')**

b2 **=** Button**(**self.f, text**='Register'**, height**=**2, width**=**20, command**=**self.register,activebackground**='gray'**,activeforeground**='red'**,bg**='brown')**

b3 **=** Button**(**self.f, text**='About Us'**, height**=**2, width**=**20, command**=**self.about,activebackground**='gray'**,activeforeground**='red'**,bg**='brown')**

b4 **=** Button**(**self.f, text**='Cars'**, height**=**2, width**=**20,command**=**self.car,activebackground**='gray'**,activeforeground**='red'**,bg**='brown')**

b1.place**(**x**=**600, y**=**4**)**

b2.place**(**x**=**750, y**=**4**)**

b3.place**(**x**=**1050, y**=**4**)**

b4.place**(**x**=**900, y**=**4**)**

img **=** PhotoImage**(**file**='5.png')**

my\_image **=** Label**(**root, image**=**img, height**=**500, width**=**1000,bg**='sandybrown')**

my\_image.image**=**img

my\_image.place**(**x**=**150, y**=**200**)**

**def register(**self**):**

**import** register

self.f.destroy**()**

register.Register**(**self.master**)**

**def login(**self**):**

**import** adminuser

self.f.destroy**()**

adminuser.switch**(**self.master**)**

**def about(**self**):**

**import** aboutus

self.f.destroy**()**

aboutus.AboutUs**(**self.master**)**

**def car(**self**):**

**import** cars

self.f.destroy**()**

cars.Cars**(**self.master**)**

**from** tkinter **import \***

**import** tkinter.messagebox

**class Login1(**Frame**):**

**def \_\_init\_\_(**self, root**):**

Frame.\_\_init\_\_**(**self, root**)**

self.f **=** Frame**(**root, height**=**1000, width**=**1200, bg**='sandybrown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.l0 **=** Label**(**self.f, text**="ADMIN LOGIN PAGE"**, bg**='sandybrown'**,font**=("bold"**, 20**))**

self.l1 **=** Label**(**self.f, text**="Username:"**, bg**='sandybrown')**

self.l2 **=** Label**(**self.f, text**="Password:"**, bg**='sandybrown')**

self.e1 **=** Entry**(**self.f,bg**="white"**, fg**="black"**,width**=**25, font**=("Arial"**, 14**))**

self.e2 **=** Entry**(**self.f, bg**="white"**, fg**="black"**,width**=**25, show**='\*')**

self.l0.place**(**x**=**480, y**=**190**)**

self.l1.place**(**x**=**450, y**=**270**)**

self.l2.place**(**x**=**450, y**=**310**)**

self.e1.place**(**x**=**570, y**=**270,height**=**25,width**=**200**)**

self.e2.place**(**x**=**570, y**=**310,height**=**25,width**=**200**)**

self.b **=** Button**(**self.f, text**="Login"**, width**="20"**, height**="2"**, command**=**self.checklogin, activebackground**='gray'**,

activeforeground**='red'**, bg**='brown')**

self.b.place**(**x**=**450, y**=**380**)**

b1 **=** Button**(**self.f, text**='BACK'**, height**=**2, width**=**20, command**=**self.home, bg**='red')**

b1.place**(**x**=**670, y**=**380**)**

**def home(**self**):**

**import** adminuser

self.f.destroy**()**

adminuser.switch**(**self.master**)**

**def user(**self**):**

**import** adminlog

self.f.destroy**()**

adminlog.Admin**(**self.master**)**

**def checklogin(**self**):**

username **=** self.e1.get**()**

password **=** self.e2.get**()**

**if** username **== "" or** password **== "":**

tkinter.messagebox.showerror**("Error"**, **"PLEASE FILL ALL THE CREDENTIALS")**

**else:**

**if** username **== 'Admin' or** password **== 'dmcar':**

self.user**()**

**else:**

tkinter.messagebox.showerror**("Wrong Credentials!"**, **"INVALID EMAIL OR PASSWORD")**

**from** tkinter **import \***

**import** tkinter.messagebox

**import** sqlite3

conn **=** sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

**class Login(**Frame**):**

**def \_\_init\_\_(**self, root**):**

Frame.\_\_init\_\_**(**self, root**)**

self.f **=** Frame**(**root, height**=**1000, width**=**1200, bg**='sandybrown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.l0 **=** Label**(**self.f, text**="USER LOGIN PAGE"**, bg**='sandybrown'**,font**=("bold"**, 20**))**

self.l1 **=** Label**(**self.f, text**="Username:"**, bg**='sandybrown')**

self.l2 **=** Label**(**self.f, text**="Password:"**, bg**='sandybrown')**

self.e4 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**, font**=("Arial"**, 14**))**

self.e5 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**, show**='\*')**

self.l0.place**(**x**=**480, y**=**190**)**

self.l1.place**(**x**=**450, y**=**270**)**

self.l2.place**(**x**=**450, y**=**310**)**

self.e4.place**(**x**=**570, y**=**270,height**=**25,width**=**200**)**

self.e5.place**(**x**=**570, y**=**310,height**=**25,width**=**200**)**

self.b **=** Button**(**self.f, text**="Login"**, width**="20"**, height**="2"**, command**=**self.checklogin, activebackground**='gray'**,

activeforeground**='red'**, bg**='brown')**

self.b.place**(**x**=**430, y**=**400**)**

b1 **=** Button**(**self.f, text**='BACK'**, height**=**2, width**=**20, command**=**self.home, activebackground**='gray'**,

activeforeground**='red'**, bg**='red')**

b1.place**(**x**=**670, y**=**400**)**

**def login(**self**):**

**import** user

self.f.destroy**()**

user.User**(**self.master**)**

**def checklogin(**self**):**

**if** self.e4.get**() == "" or** self.e5.get**() == "":**

tkinter.messagebox.showinfo**("Error"**, **"PLEASE FILL ALL THE CREDENTIALS")**

**else:**

query **=** str**("SELECT \* FROM register WHERE register\_username=? AND register\_password=?")**

r **=** conn.execute**(**query, **(**self.e4.get**()**, self.e5.get**()))**

conn.commit**()**

data **=** r.fetchall**()**

**if not** data**:**

tkinter.messagebox.showerror**("Wrong Credentials!"**, **"INVALID EMAIL OR PASSWORD")**

#for i in data:

#if self.e4.get() == i[5] or self.e5.get() == i[3]:

# self.login()

# break

**else:**

**for** i **in** data**:**

**if** self.e4.get**() ==** i**[**5**] or** self.e5.get**() ==** i**[**3**]:**

self.login**()**

#tkinter.messagebox.showerror("Wrong Credentials!", "INVALID EMAIL OR PASSWORD")

# break

**def home(**self**):**

**import** adminuser

self.f.destroy**()**

adminuser.switch**(**self.master**)**

**from** tkinter **import \***

**import** tkinter.messagebox

**import** sqlite3

conn**=**sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

**class Register(**Frame**):**

**def \_\_init\_\_(**self,root**):**

Frame.\_\_init\_\_**(**self,root**)**

self.f**=**Frame**(**root,height**=**1000,width**=**1200,bg**='sandybrown')**

self.f.propagate**(**0**)**

self.f.pack**()**

self.l0**=**Label**(**self.f,text**="REGISTER"**,bg**='sandybrown'**,font**=('bold'**,20**))**

self.l1**=**Label**(**self.f,text**="Name:"**,bg**='sandybrown')**

self.l2 **=** Label**(**self.f,text**="Phn.no:"**,bg**='sandybrown')**

self.l3 **=** Label**(**self.f,text**="Address:"**,bg**='sandybrown')**

self.l4 **=** Label**(**self.f,text**="Username:"**,bg**='sandybrown')**

self.l5 **=** Label**(**self.f,text**="password:"**,bg**='sandybrown')**

self.l6 **=** Label**(**self.f,text**="Confirm Password:"**,bg**='sandybrown')**

self.e1**=**Entry**(**self.f,width**=**25,bg**="white"**,font**=("Arial"**,14**))**

self.e2 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black")**

self.e3 **=** Entry**(**self.f, width**=**40, bg**="white"**, fg**="black")**

self.e4 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**, font**=("Arial"**, 14**))**

self.e5 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**,show**='\*')**

self.e6 **=** Entry**(**self.f, width**=**25, bg**="white"**, fg**="black"**,show**='\*')**

self.l0.place**(**x**=**520,y**=**80**)**

self.l1.place**(**x**=**420,y**=**150**)**

self.l2.place**(**x**=**420, y**=**200**)**

self.l3.place**(**x**=**420, y**=**250**)**

self.l4.place**(**x**=**420,y**=**300**)**

self.l5.place**(**x**=**420, y**=**350**)**

self.l6.place**(**x**=**420, y**=**400**)**

self.e1.place**(**x**=**600, y**=**150,height**=**25,width**=**200**)**

self.e2.place**(**x**=**600, y**=**200,height**=**25,width**=**200**)**

self.e3.place**(**x**=**600, y**=**250,height**=**25,width**=**200**)**

self.e4.place**(**x**=**600, y**=**300,height**=**25,width**=**200**)**

self.e5.place**(**x**=**600, y**=**350,height**=**25,width**=**200**)**

self.e6.place**(**x**=**600, y**=**400,height**=**25,width**=**200**)**

self.b**=**Button**(**self.f,text**="Register"**,width**="20"**,height**="2"**,command**=**self.insertdetails,activebackground**='gray'**,activeforeground**='red'**,bg**='brown')**

self.b.place**(**x**=**400,y**=**500**)**

b1 **=** Button**(**self.f, text**='HOME'**, height**=**2, width**=**20, command**=**self.home,activebackground**='gray'**,activeforeground**='red'**,bg**='red')**

b1.place**(**x**=**700, y**=**500**)**

**def home(**self**):**

**import** home

self.f.destroy**()**

home.Home**(**self.master**)**

**def login(**self**):**

**import** loginuser

self.f.destroy**()**

loginuser.Login**(**self.master**)**

**def insertdetails(**self**):** # registration

name **=** self.e1.get**()**

addr **=** self.e3.get**()**

mobile **=** self.e2.get**()**

username **=** self.e4.get**()**

password **=** self.e5.get**()**

rpassword **=** self.e6.get**()**

**if** name **== '' or** addr **== '' or** mobile **== '' or** password **== '' or** rpassword **== ''or** username**=='':**

tkinter.messagebox.showinfo**("Error"**, **"Please Enter all the details")**

**else:**

**try:**

query **=** str**(**

**"INSERT INTO register(register\_name, register\_mobile, register\_addr, register\_password,register\_username, register\_rpassword ) VALUES(?,?,?,?,?,?)")**

conn.execute**(**query, **(**name,mobile,addr, password,username, rpassword**))**

conn.commit**()**

**except** sqlite3.IntegrityError**:**

tkinter.messagebox.showinfo**("Error"**, **"The entered Registration is already present")**

**else:**

**if** rpassword **==** password**:**

print**("registered")**

tkinter.messagebox.showinfo**("SUCCESSFUL"**, **"REGISTRATION DONE SUCCESSFULLY")**

self.login**()**

**else:**

tkinter.messagebox.showinfo**("Error"**, **"The re-entered password doesnt match previous password")**

**def create\_table():**

register\_query **=** str**("CREATE TABLE IF NOT EXISTS register(register\_name VARCHAR(20)," +**

**"register\_mobile INTEGER," +**

**"register\_addr VARCHAR(20)," +**

**"register\_password VARCHAR(20)," +**

**"register\_username VARCHAR(20) PRIMARY KEY," +**

**"register\_rpassword VARCHAR(20))")**

conn.execute**(**register\_query**)**

print**("created client table")**

create\_table**()**

**from** tkinter **import \***

**import** sqlite3

conn **=** sqlite3.connect**('test.db')**

print**("CONNECTED!!!")**

**OUTPUT:**































