

Taxi-Booking-System-Using-Python-GUI-tkinter

Source code

```
from tkinter import *
from tkinter import ttk
import random
import time
import datetime
from tkinter import messagebox as ms
import sqlite3

Item4 = 0

# make database and users (if not exists already) table at programme start up
with sqlite3.connect('Users.db') as db:
    c = db.cursor()

    c.execute('CREATE TABLE IF NOT EXISTS user (username TEXT NOT NULL ,password TEXT NOT NULL)')

    db.commit()

    db.close()

#main Class
```

```

class user:

    def __init__(self, master):

        # Window

        self.master = master

        # Some Usefull variables

        self.username = StringVar()

        self.password = StringVar()

        self.n_username = StringVar()

        self.n_password = StringVar()

        #Create Widgets

        self.widgets()


#Login Function

def login(self):

    #Establish Connection

    with sqlite3.connect('Users.db') as db:

        c = db.cursor()


    #Find user If there is any take proper action

    find_user = ('SELECT * FROM user WHERE username = ? and password = ?')

    c.execute(find_user, [(self.username.get()), (self.password.get())])

    result = c.fetchall()

    if result:

        self.logf.pack_forget()

        self.head['text'] = "Welcome, " + self.username.get()

        self.head.configure(fg="green")

        self.head.pack(fill=X)

        application = travel(root

```

```
else:
```

```
    ms.showerror('Oops!', 'Username Not Found.')
```

```
def new_user(self):
```

```
    #Establish Connection
```

```
    with sqlite3.connect('Users.db') as db:
```

```
        c = db.cursor()
```

```
    #Find Existing username if any take proper action
```

```
    find_user = ('SELECT * FROM user WHERE username = ?')
```

```
    c.execute(find_user,[(self.username.get())])
```

```
    if c.fetchall():
```

```
        ms.showerror('Error!', 'Username Already Taken!')
```

```
    else:
```

```
        ms.showinfo('Success!', 'Account Created!')
```

```
        self.log()
```

```
    #Create New Account
```

```
    insert = 'INSERT INTO user(username,password) VALUES(?,?)'
```

```
    c.execute(insert,[(self.n_username.get()),(self.n_password.get())])
```

```
    db.commit()
```

```
    #Frame Packing Methods
```

```
def log(self):
```

```
    self.username.set('')
```

```
    self.password.set('')
```

```
    self.crf.pack_forget()
```

```
    self.head['text'] = 'LOGIN'
```

```
    self.logf.pack()
```

```

def cr(self):

    self.n_username.set('')

    self.n_password.set('')

    self.logf.pack_forget()

    self.head['text'] = 'Create Account'

    self.crf.pack()


#Draw Widgets

def widgets(self):

    self.head = Label(self.master,text = 'LOGIN',font = ('',35),pady = 10)

    self.head.pack()

    self.logf = Frame(self.master,padx =10,pady = 10)

    Label(self.logf,text = 'Username: ',font =
('',20),pady=5,padx=5).grid(sticky = W)

    Entry(self.logf,textvariable = self.username,bd = 5,font =
('',15)).grid(row=0,column=1)

    Label(self.logf,text = 'Password: ',font =
('',20),pady=5,padx=5).grid(sticky = W)

    Entry(self.logf,textvariable = self.password,bd = 5,font = ('',15),show
= '*').grid(row=1,column=1)

    Button(self.logf,text = ' Login ',bd = 3 ,font =
('',15),padx=5,pady=5,command=self.login).grid()

    Button(self.logf,text = ' Create Account ',bd = 3 ,font =
('',15),padx=5,pady=5,command=self.cr).grid(row=2,column=1)

    self.logf.pack()


    self.crf = Frame(self.master,padx =10,pady = 10)

    Label(self.crf,text = 'Username: ',font =
('',20),pady=5,padx=5).grid(sticky = W)

    Entry(self.crf,textvariable = self.n_username,bd = 5,font =
('',15)).grid(row=0,column=1)

```

```

        Label(self.crf,text = 'Password: ',font =
(' ',20),pady=5,padx=5).grid(sticky = W)

        Entry(self.crf,textvariable = self.n_password,bd = 5,font = (' ',15),show
= '*').grid(row=1,column=1)

        Button(self.crf,text = 'Create Account',bd = 3 ,font =
(' ',15),padx=5,pady=5,command=self.new_user).grid()

        Button(self.crf,text = 'Go to Login',bd = 3 ,font =
(' ',15),padx=5,pady=5,command=self.log).grid(row=2,column=1)

```

```

class travel:

```

```

    def __init__(self,root):

        self.root = root

        self.root.title("Taxi Booking System In LPU")

        self.root.geometry(geometry)

        self.root.configure(background='black')


        DateofOrder=StringVar()

        DateofOrder.set(time.strftime(" %d / %m / %Y "))

        Receipt_Ref=StringVar()

        PaidTax=StringVar()

        SubTotal=StringVar()

        TotalCost=StringVar()


        var1=IntVar()

        var2=IntVar()

        var3=IntVar()

        var4=IntVar()

        journeyType=IntVar()

        carType=IntVar()

```

var11=StringVar()

var12=StringVar()

var13=StringVar()

reset_counter=0

Firstname=StringVar()

Surname=StringVar()

Address=StringVar()

Postcode=StringVar()

Mobile=StringVar()

Telephone=StringVar()

Email=StringVar()

TaxiTax=StringVar()

Km=StringVar()

Travel_Ins=StringVar()

Luggage=StringVar()

Receipt=StringVar()

Standard=StringVar()

PrimeSedan=StringVar()

PremiumSedan=StringVar()

TaxiTax.set("0")

```
Km.set("0")
```

```
Travel_Ins.set("0")
```

```
Luggage.set("0")
```

```
Standard.set("0")
```

```
PrimeSedan.set("0")
```

```
PremiumSedan.set("0")
```

```
#=====Define  
Function=====
```

```
def iExit():
```

```
    iExit= ms.askyesno("Prompt!", "Do you want to exit?")
```

```
    if iExit > 0:
```

```
        root.destroy()
```

```
    return
```

```
def Reset():
```

```
    TaxiTax.set("0")
```

```
    Km.set("0")
```

```
    Travel_Ins.set("0")
```

```
    Luggage.set("0")
```

```
    Standard.set("0")
```

PrimeSedan.set("0")

PremiumSedan.set("0")

Firstname.set("")

Surname.set("")

Address.set("")

Postcode.set("")

Mobile.set("")

Telephone.set("")

Email.set("")

PaidTax.set("")

SubTotal.set("")

TotalCost.set("")

self.txtReceipt1.delete("1.0",END)

self.txtReceipt2.delete("1.0",END)

var1.set(0)

var2.set(0)

var3.set(0)

var4.set(0)

journeyType.set(0)

carType.set(0)

var11.set("0")

var12.set("0")

var13.set("0")

self.cboPickup.current(0)


```

self.cboDrop.current(0)

self.cboPooling.current(0)


self.txtTaxiTax.configure(state=DISABLED)
self.txtKm.configure(state=DISABLED)
self.txtTravel_Ins.configure(state=DISABLED)
self.txtLuggage.configure(state=DISABLED)


self.txtStandard.configure(state=DISABLED)
self.txtPrimeSedan.configure(state=DISABLED)
self.txtPremiumSedan.configure(state=DISABLED)
self.reset_counter=1

```

```

def Receiptt():

```

```

    if reset_counter is 0 and Firstname.get()!="" and Surname.get()!=""
and Address.get()!="" and Postcode.get()!="" and Mobile.get()!="" and
Telephone.get()!="" and Email.get()!="":

```

```

        self.txtReceipt1.delete("1.0",END)

```

```

        self.txtReceipt2.delete("1.0",END)

```

```

        x=random.randint(10853,500831)

```

```

        randomRef = str(x)

```

```

        Receipt_Ref.set(randomRef)

```

```

        self.txtReceipt1.insert(END,"Receipt Ref:\n")

```

```

        self.txtReceipt2.insert(END, Receipt_Ref.get() + "\n")

```

```

        self.txtReceipt1.insert(END,'Date:\n')

```

```

        self.txtReceipt2.insert(END, DateofOrder.get() + "\n")

```

```

        self.txtReceipt1.insert(END,'Taxi No:\n')

```

```

        self.txtReceipt2.insert(END, 'TR ' + Receipt_Ref.get() + " BW\n")

```

```
self.txtReceipt1.insert(END, 'Firstname:\n')
self.txtReceipt2.insert(END, Firstname.get() + "\n")
self.txtReceipt1.insert(END, 'Surname:\n')
self.txtReceipt2.insert(END, Surname.get() + "\n")
self.txtReceipt1.insert(END, 'Address:\n')
self.txtReceipt2.insert(END, Address.get() + "\n")
self.txtReceipt1.insert(END, 'Postal Code:\n')
self.txtReceipt2.insert(END, Postcode.get() + "\n")
self.txtReceipt1.insert(END, 'Telephone:\n')
self.txtReceipt2.insert(END, Telephone.get() + "\n")
self.txtReceipt1.insert(END, 'Mobile:\n')
self.txtReceipt2.insert(END, Mobile.get() + "\n")
self.txtReceipt1.insert(END, 'Email:\n')
self.txtReceipt2.insert(END, Email.get() + "\n")
self.txtReceipt1.insert(END, 'From:\n')
self.txtReceipt2.insert(END, var11.get() + "\n")
self.txtReceipt1.insert(END, 'To:\n')
self.txtReceipt2.insert(END, var12.get() + "\n")
self.txtReceipt1.insert(END, 'Pooling:\n')
self.txtReceipt2.insert(END, var13.get() + "\n")
self.txtReceipt1.insert(END, 'Standard:\n')
self.txtReceipt2.insert(END, Standard.get() + "\n")
self.txtReceipt1.insert(END, 'Prime Sedan:\n')
self.txtReceipt2.insert(END, PrimeSedan.get() + "\n")
self.txtReceipt1.insert(END, 'Premium Sedan:\n')
self.txtReceipt2.insert(END, PremiumSedan.get() + "\n")
self.txtReceipt1.insert(END, 'Paid:\n')
self.txtReceipt2.insert(END, PaidTax.get() + "\n")
```

```

        self.txtReceipt1.insert(END, 'SubTotal:\n')
        self.txtReceipt2.insert(END, str(SubTotal.get()) + "\n")
        self.txtReceipt1.insert(END, 'Total Cost:\n')
        self.txtReceipt2.insert(END, str(TotalCost.get()))

    else:

        self.txtReceipt1.delete("1.0",END)
        self.txtReceipt2.delete("1.0",END)
        self.txtReceipt1.insert(END, "\nNo Input")

def Taxi_Tax():
    global Item1
    if var1.get() == 1:
        self.txtTaxiTax.configure(state = NORMAL)
        Item1=float(50)
        TaxiTax.set("Rs " + str(Item1))
    elif var1.get() == 0:
        self.txtTaxiTax.configure(state=DISABLED)
        TaxiTax.set("0")
        Item1=0

def Kilo():
    if var2.get() == 0:
        self.txtKm.configure(state=DISABLED)
        Km.set("0")
    elif var2.get() == 1 and var11.get() != "" and var12.get() != "":

```

```

        self.txtKm.configure(state=NORMAL)

        if var11.get() == "CampusCafe":

            switch={"BoysHostel": 10,"GirlsHostel":
8,"AdmissionBlock":6,"CampusCafe": 0}

            Km.set(switch[var12.get()])

        elif var11.get() == "BoysHostel":

            switch={"BoysHostel": 0,"GirlsHostel":
2,"AdmissionBlock":5,"CampusCafe": 10}

            Km.set(switch[var12.get()])

        elif var11.get() == "GirlsHostel":

            switch={"BoysHostel": 2,"GirlsHostel":
0,"AdmissionBlock":3,"CampusCafe": 8}

            Km.set(switch[var12.get()])

        elif var11.get() == "AdmissionBlock":

            switch={"BoysHostel": 5,"GirlsHostel":
3,"AdmissionBlock":0,"CampusCafe": 6}

            Km.set(switch[var12.get()])

```

```

def Travelling():

    global Item3

    if var3.get() == 1:

        self.txtTravel_Ins.configure(state = NORMAL)

        Item3=float(10)

        Travel_Ins.set("Rs " + str(Item3))

    elif var3.get() == 0:

        self.txtTravel_Ins.configure(state = DISABLED)

        Travel_Ins.set("0")

        Item3=0

```

```

def Lug():
    global Item4
    if (var4.get()==1):
        self.txtLuggage.configure(state = NORMAL)
        Item4=float(30)
        Luggage.set("Rs "+ str(Item4))
    elif var4.get()== 0:
        self.txtLuggage.configure(state = DISABLED)
        Luggage.set("0")
        Item4=0

def selectCar():
    global Item5
    if carType.get() == 1:
        self.txtPrimeSedan.configure(state = DISABLED)
        PrimeSedan.set("0")
        self.txtPremiumSedan.configure(state = DISABLED)
        PremiumSedan.set("0")
        self.txtStandard.configure(state = NORMAL)
        Item5 = float(8)
        Standard.set("Rs "+ str(Item5))
    elif carType.get() == 2:
        self.txtStandard.configure(state =DISABLED)
        Standard.set("0")
        self.txtPremiumSedan.configure(state = DISABLED)
        PremiumSedan.set("0")

```

```

        self.txtPrimeSedan.configure(state = NORMAL)

        Item5 = float(10)

        PrimeSedan.set("Rs " + str(Item5))

    else:

        self.txtStandard.configure(state =DISABLED)

        Standard.set("0")

        self.txtPrimeSedan.configure(state = DISABLED)

        PrimeSedan.set("0")

        self.txtPremiumSedan.configure(state = NORMAL)

        Item5 = float(15)

        PremiumSedan.set("Rs " + str(Item5))


def Total_Paid():

    if ((var1.get() == 1 and var2.get() == 1 and var3.get() == 1 or
var4.get() == 1) and carType.get() != 0 and journeyType.get() != 0 and
(var11.get() != "" and var12.get() != "")):

        if journeyType.get()==1:

            Item2=Km.get()

            Cost_of_fare = (Item1+(float(Item2)*Item5)+Item3+Item4)

            Tax = "Rs " + str('%.2f'%((Cost_of_fare) *0.09))

            ST = "Rs " + str('%.2f'%((Cost_of_fare)))

            TT = "Rs " + str('%.2f'%(Cost_of_fare+((Cost_of_fare)*0.9)))

        elif journeyType.get()==2:

            Item2=Km.get()

            Cost_of_fare = (Item1+(float(Item2)*Item5)*1.5+Item3+Item4)

            Tax = "Rs " + str('%.2f'%((Cost_of_fare) *0.09))

```

```

        ST = "Rs " + str('%.2f'%((Cost_of_fare)))
        TT = "Rs " + str('%.2f'%(Cost_of_fare+((Cost_of_fare)*0.9)))
    else:
        Item2=Km.get()
        Cost_of_fare = (Item1+(float(Item2)*Item5)*2+Item3+Item4)

        Tax = "Rs " + str('%.2f'%((Cost_of_fare) *0.09))
        ST = "Rs " + str('%.2f'%((Cost_of_fare)))
        TT = "Rs " + str('%.2f'%(Cost_of_fare+((Cost_of_fare)*0.9)))

        PaidTax.set(Tax)
        SubTotal.set(ST)
        TotalCost.set(TT)
    else:
        w = ms.showwarning("Error !","Invalid Input\nPlease try again
!!!")

```

```

#=====mainframe=====
=====

```

```

MainFrame=Frame(self.root)

```

```

MainFrame.pack(fill=BOTH,expand=True)

```

```

Tops = Frame(MainFrame, bd=20, width=1350,relief=RIDGE)

```

```

Tops.pack(side=TOP,fill=BOTH,expand=True)

```

```
        self.lblTitle=Label(Tops,font=('arial',70,'bold'),text=" Taxi Booking  
System in LPU ")
```

```
        self.lblTitle.grid()
```

```
#=====customerframedetail=====
```

```
        CustomerDetailsFrame=LabelFrame(MainFrame, width=1350,height=500,bd=20,  
pady=5, relief=RIDGE)
```

```
        CustomerDetailsFrame.pack(side=BOTTOM,fill=BOTH,expand=True)
```

```
        FrameDetails=Frame(CustomerDetailsFrame, width=880,height=400,bd=10,  
relief=RIDGE)
```

```
        FrameDetails.pack(side=LEFT,fill=BOTH,expand=True)
```

```
        CustomerName=LabelFrame(FrameDetails, width=150,height=250,bd=10,  
font=('arial',12,'bold'),text="Customer Name", relief=RIDGE)
```

```
        CustomerName.grid(row=0,column=0)
```

```
        TravelFrame = LabelFrame(FrameDetails,bd=10, width=300,height=250,  
font=('arial',12,'bold'),text="Booking Detail", relief=RIDGE)
```

```
        TravelFrame.grid(row=0,column=1)
```

```
        Book_Frame=LabelFrame(FrameDetails,width=300,height=150,relief=FLAT)
```

```
        Book_Frame.grid(row=1,column=0)
```

```
        CostFrame =  
LabelFrame(FrameDetails,width=150,height=150,bd=5,relief=FLAT)
```

```
        CostFrame.grid(row=1,column=1)
```



```
#=====receipt=====
=====
```

```
Receipt_BottonFrame=LabelFrame(CustomerDetailsFrame,bd=10,
width=450,height=400, relief=RIDGE)
```

```
Receipt_BottonFrame.pack(side=RIGHT,fill=BOTH,expand=True)
```

```
ReceiptFrame=LabelFrame(Receipt_BottonFrame, width=350,height=300,
font=('arial',12,'bold'),text="Receipt", relief=RIDGE)
```

```
ReceiptFrame.grid(row=0,column=0)
```

```
ButtonFrame=LabelFrame(Receipt_BottonFrame, width=350,height=100,
relief=RIDGE)
```

```
ButtonFrame.grid(row=1,column=0)
```

```
#=====CustomerName=====
=====
```

```
self.lblFirstname=Label(CustomerName,font=('arial',14,'bold'),text="Firstname",bd
=7)
```

```
self.lblFirstname.grid(row=0,column=0,sticky=W)
```

```
self.txtFirstname=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Firstn
ame,bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtFirstname.grid(row=0,column=1)
```

```
self.lblSurname=Label(CustomerName,font=('arial',14,'bold'),text="Surname",bd=7)
```

```
self.lblSurname.grid(row=1,column=0,sticky=W)
```

```
self.txtSurname=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Surname,
bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtSurname.grid(row=1,column=1,sticky=W)
```

```
self.lblAddress=Label(CustomerName,font=('arial',14,'bold'),text="Address",bd=7)
```

```
self.lblAddress.grid(row=2,column=0,sticky=W)
```

```
self.txtAddress=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Address,  
bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtAddress.grid(row=2,column=1)
```

```
self.lblPostcode=Label(CustomerName,font=('arial',14,'bold'),text="Postcode",bd=7  
)
```

```
self.lblPostcode.grid(row=3,column=0,sticky=W)
```

```
self.txtPostcode=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Postcod  
e,bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtPostcode.grid(row=3,column=1)
```

```
self.lblTelephone=Label(CustomerName,font=('arial',14,'bold'),text="Telephone",bd  
=7)
```

```
self.lblTelephone.grid(row=4,column=0,sticky=W)
```

```
self.txtTelephone=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Teleph  
one,bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtTelephone.grid(row=4,column=1)
```

```
self.lblMobile=Label(CustomerName,font=('arial',14,'bold'),text="Mobile",bd=7)
```

```
self.lblMobile.grid(row=5,column=0,sticky=W)
```

```
self.txtMobile=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Mobile,bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtMobile.grid(row=5,column=1)
```

```
self.lblEmail=Label(CustomerName,font=('arial',14,'bold'),text="Email",bd=7)
```

```
self.lblEmail.grid(row=6,column=0,sticky=W)
```

```
self.txtEmail=Entry(CustomerName,font=('arial',14,'bold'),textvariable=Email,bd=7,insertwidth=2,justify=RIGHT)
```

```
self.txtEmail.grid(row=6,column=1)
```

```
#=====Taxi  
Information=====
```

```
self.lblPickup=Label(TravelFrame,font=('arial',14,'bold'),text="Pickup",bd=7)
```

```
self.lblPickup.grid(row=0,column=0,sticky=W)
```

```
self.cboPickup =ttk.Combobox(TravelFrame, textvariable = var11 ,  
state='readonly', font=('arial',20,'bold'), width=14)
```

```
self.cboPickup['value']=('','CampusCafe','AdmissionBlock','GirlsHostel','BoysHostel')
```

```
self.cboPickup.current(0)
```

```
self.cboPickup.grid(row=0,column=1)
```

```
self.lblDrop=Label(TravelFrame,font=('arial',14,'bold'),text="Drop",bd=7)
```

```
self.lblDrop.grid(row=1,column=0,sticky=W)
```

```

        self.cboDrop =ttk.Combobox(TravelFrame, textvariable = var12 ,
state='readonly', font=('arial',20,'bold'), width=14)

self.cboDrop['value']=('','BoysHostel','GirlsHostel','CampusCafe','AdmissionBlock
')

        self.cboDrop.current(0)

        self.cboDrop.grid(row=1,column=1)

```

```

self.lblPooling=Label(TravelFrame,font=('arial',14,'bold'),text="Pooling",bd=7)

        self.lblPooling.grid(row=2,column=0,sticky=W)

```

```

        self.cboPooling =ttk.Combobox(TravelFrame, textvariable = var13 ,
state='readonly', font=('arial',20,'bold'), width=14)

        self.cboPooling['value']=('','1','2','3','4')

        self.cboPooling.current(1)

        self.cboPooling.grid(row=2,column=1)

```

```

#=====Taxi
Information=====

```

```

        self.chkTaxiTax=Checkbutton(TravelFrame,text="Taxi Tax(Base Charge)
*",variable = var1, onvalue=1,
offvalue=0,font=('arial',16,'bold'),command=Taxi_Tax).grid(row=3, column=0,
sticky=W)

```

```

self.txtTaxiTax=Label(TravelFrame,font=('arial',14,'bold'),textvariable=TaxiTax,b
d=6,width=18,bg="white",state= DISABLED,justify=RIGHT,relief=SUNKEN)

        self.txtTaxiTax.grid(row=3,column=1)

```

```

        self.chkKm=Checkbutton(TravelFrame,text="Distance(KMs) *",variable =
var2, onvalue=1, offvalue=0,font=('arial',16,'bold'),command=Kilo).grid(row=4,
column=0, sticky=W)

```

```
self.txtKm=Label(TravelFrame,font=('arial',14,'bold'),textvariable=Km,bd=6,width=18,bg="white",state= DISABLED,justify=RIGHT,relief=SUNKEN,highlightthickness=0)
```

```
self.txtKm.grid(row=4,column=1)
```

```
self.chkTravel_Ins=Checkbutton(TravelFrame,text="Travelling Insurance",variable = var3, onvalue=1, offvalue=0,font=('arial',16,'bold'),command=Travelling).grid(row=5, column=0, sticky=W)
```

```
self.txtTravel_Ins=Label(TravelFrame,font=('arial',14,'bold'),textvariable=Travel_Ins,bd=6,width=18,bg="white",state= DISABLED,justify=RIGHT,relief=SUNKEN)
```

```
self.txtTravel_Ins.grid(row=5,column=1)
```

```
self.chkLuggage=Checkbutton(TravelFrame,text="Extra Luggage",variable = var4, onvalue=1, offvalue=0,font=('arial',16,'bold'),command=Lug).grid(row=6, column=0, sticky=W)
```

```
self.txtLuggage=Label(TravelFrame,font=('arial',14,'bold'),textvariable=Luggage,bd=6,width=18,bg="white",state= DISABLED,justify=RIGHT,relief=SUNKEN)
```

```
self.txtLuggage.grid(row=6,column=1)
```

```
#=====payment information
=====
```

```
self.lblPaidTax=Label(CostFrame,font=('arial',14,'bold'),text="Paid Tax\t\t",bd=7)
```

```
self.lblPaidTax.grid(row=0,column=2,sticky=W)
```

```
self.txtPaidTax = Label(CostFrame,font=('arial',14,'bold'),textvariable=PaidTax,bd=7, width=26, justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtPaidTax.grid(row=0,column=3)
```

```
self.lblSubTotal=Label(CostFrame,font=('arial',14,'bold'),text="Sub  
Total",bd=7)
```

```
self.lblSubTotal.grid(row=1,column=2,sticky=W)
```

```
self.txtSubTotal =  
Label(CostFrame,font=('arial',14,'bold'),textvariable=SubTotal,bd=7, width=26,  
justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtSubTotal.grid(row=1,column=3)
```

```
self.lblTotalCost=Label(CostFrame,font=('arial',14,'bold'),text="Total  
Cost",bd=7)
```

```
self.lblTotalCost.grid(row=2,column=2,sticky=W)
```

```
self.txtTotalCost =  
Label(CostFrame,font=('arial',14,'bold'),textvariable=TotalCost,bd=7, width=26,  
justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtTotalCost.grid(row=2,column=3)
```

```
#=====taxiselect=====
```

```
self.chkStandard=Radiobutton(Book_Frame,text="Standard",value=1,variable  
= carType,font=('arial',14,'bold'),command=selectCar).grid(row=0, column=0,  
sticky=W)
```

```
self.txtStandard = Label(Book_Frame,font=('arial',14,'bold'),width  
=7,textvariable=Standard,bd=5, state= DISABLED,  
justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtStandard.grid(row=0,column=1)
```

```
self.chkPrimeSedand=Radiobutton(Book_Frame,text="PrimeSedan",value=2,variable =  
carType,font=('arial',14,'bold'),command=selectCar).grid(row=1, column=0,  
sticky=W)
```

```
self.txtPrimeSedan= Label(Book_Frame,font=('arial',14,'bold'),width
=7,textvariable=PrimeSedan,bd=5, state= DISABLED,
justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtPrimeSedan.grid(row=1,column=1)
```

```
self.chkPremiumSedan =
Radiobutton(Book_Frame,text="PremiumSedan",value=3,variable =
carType,font=('arial',14,'bold'),command=selectCar).grid(row=2, column=0)
```

```
self.txtPremiumSedan = Label(Book_Frame,font=('arial',14,'bold'),width
=7,textvariable=PremiumSedan,bd=5, state= DISABLED,
justify=RIGHT,bg="white",relief=SUNKEN)
```

```
self.txtPremiumSedan.grid(row=2,column=1)
```

```
self.chkSingle =Radiobutton(Book_Frame,text="Single",value=1,variable =
journeyType,font=('arial',14,'bold')).grid(row=0, column=2, sticky=W)
```

```
self.chkReturn =Radiobutton(Book_Frame,text="Return",value=2,variable =
journeyType,font=('arial',14,'bold')).grid(row=1, column=2, sticky=W)
```

```
self.chkSpecialsNeeds
=Radiobutton(Book_Frame,text="SpecialNeeds",value=3,variable =
journeyType,font=('arial',14,'bold')).grid(row=2, column=2, sticky=W)
```

```
#=====Receipt=====
=====
```

```
self.txtReceipt1 = Text(ReceiptFrame,width = 22, height =
21,font=('arial',10,'bold'),borderwidth=0)
```

```
self.txtReceipt1.grid(row=0,column=0,columnspan=2)
```

```
self.txtReceipt2 = Text(ReceiptFrame,width = 22, height =
21,font=('arial',10,'bold'),borderwidth=0)
```

```
self.txtReceipt2.grid(row=0,column=2,columnspan=2)
```

```
#=====Button=====
=====
```

```
        self.btnTotal =
Button(ButtonFrame,padx=18,bd=7,font=('arial',11,'bold'),width =
2,text='Total',command=Total_Paid).grid(row=0,column=0)

        self.btnReceipt =
Button(ButtonFrame,padx=18,bd=7,font=('arial',11,'bold'),width =
2,text='Receipt',command=Receiptt).grid(row=0,column=1)

        self.btnReset =
Button(ButtonFrame,padx=18,bd=7,font=('arial',11,'bold'),width =
2,text='Reset',command=Reset).grid(row=0,column=2)

        self.btnExit =
Button(ButtonFrame,padx=18,bd=7,font=('arial',11,'bold'),width = 2,text='Exit',
command=iExit).grid(row=0,column=3)
```

```
#=====
=====
```

```
if __name__=='__main__':
```

```
    root = Tk()
```

```
    #===== Getting Screen Width
```

```
=====
```

```
    w = root.winfo_screenwidth()
```

```
    h = root.winfo_screenheight()
```

```
    geometry="%dx%d+%d+%d"%(w,h,0,0)
```

```
    root.geometry("500x300+320+200")
```

```
    root.title('Login Form')
```

```
    application = user(root)root.mainloop()
```


