***Food Ordering System***

Code

from tkinter import \*

from tkinter import filedialog,messagebox

import random

import time

import requests

#Functions

def reset():

try:

textReceipt.delete(1.0,END)

e\_daal.set('0')

e\_roti.set('0')

e\_sabzi.set('0')

e\_fish.set('0')

e\_kabab.set('0')

e\_chawal.set('0')

e\_mutton.set('0')

e\_paneer.set('0')

e\_chicken.set('0')

e\_lassi.set('0')

e\_coffee.set('0')

e\_falooda.set('0')

e\_roohafza.set('0')

e\_slush.set('0')

e\_tea.set('0')

e\_masalatea.set('0')

e\_badammilk.set('0')

e\_coldrinks.set('0')

e\_kitkat.set('0')

e\_oreo.set('0')

e\_apple.set('0')

e\_vanilla.set('0')

e\_banana.set('0')

e\_brownie.set('0')

e\_pineapple.set('0')

e\_chocolate.set('0')

e\_blackforest.set('0')

textroti.config(state=DISABLED)

textdaal.config(state=DISABLED)

textsabai.config(state=DISABLED)

textfish.config(state=DISABLED)

textkebab.config(state=DISABLED)

textpaneer.config(state=DISABLED)

textchicken.config(state=DISABLED)

textmutton.config(state=DISABLED)

textchawal.config(state=DISABLED)

textlassi.config(state=DISABLED)

textcoffee.config(state=DISABLED)

texttea.config(state=DISABLED)

textroohafza.config(state=DISABLED)

textslush.config(state=DISABLED)

textbadammilk.config(state=DISABLED)

textmasalatea.config(state=DISABLED)

textfalooda.config(state=DISABLED)

textcolddrinks.config(state=DISABLED)

textoreo.config(state=DISABLED)

textapple.config(state=DISABLED)

textkitkat.config(state=DISABLED)

textvanilla.config(state=DISABLED)

textbanana.config(state=DISABLED)

textbrownie.config(state=DISABLED)

textpineapple.config(state=DISABLED)

textchocolate.config(state=DISABLED)

textblackforest.config(state=DISABLED)

var1.set(0)

var2.set(0)

var3.set(0)

var4.set(0)

var5.set(0)

var6.set(0)

var7.set(0)

var8.set(0)

var9.set(0)

var10.set(0)

var11.set(0)

var12.set(0)

var13.set(0)

var14.set(0)

var15.set(0)

var16.set(0)

var17.set(0)

var18.set(0)

var19.set(0)

var20.set(0)

var21.set(0)

var22.set(0)

var23.set(0)

var24.set(0)

var25.set(0)

var26.set(0)

var27.set(0)

costofdrinksvar.set('')

costoffoodvar.set('')

costofcakesvar.set('')

subtotalvar.set('')

servicetaxvar.set('')

totalcostvar.set('')

except ValueError:

print ("these items are not avalaible")

def send():

if textReceipt.get(1.0,END)=='\n':

pass

else:

def send\_msg():

message=textarea.get(1.0,END)

number=numberfield.get()

auth='woVHAjOGldMsPhnT7gS6XRIi4cYr0ym3FZkEWfKv9Qxauq8J2DHDWus7AqZKnkeXlVzQJa3fIRrp925S'

url='https://www.fast2sms.com/dev/bulk'

params={

'authorization':auth,

'message':message,

'numbers':number,

'sender-id':'FSTSMS',

'route':'p',

'language':'english'

}

response=requests.get(url,params=params)

dic=response.json()

result=dic.get('return')

if result==True:

messagebox.showinfo('Send Successfully','Message sent succesfully')

else:

messagebox.showerror('Error','Something went wrong')

root2=Toplevel()

root2.title("Send Bill")

root2.config(bg='red4')

root2.geometry('485x620+50+50')

logoImage=PhotoImage(file='sender.png')

label=Label(root2,image=logoImage,bg='red4')

label.pack(pady=5)

numberLabel=Label(root2,text='Mobile Number',font=('arial',18,'bold underline'),bg='red4',fg='white')

numberLabel.pack(pady=5)

numberfield=Entry(root2,font=('helvetica',22,'bold'),bd=3,width=24)

numberfield.pack(pady=5)

billLabel = Label(root2, text='Bill Details', font=('arial', 18, 'bold underline'), bg='red4', fg='white')

billLabel.pack(pady=5)

textarea=Text(root2,font=('arial',12,'bold'),bd=3,width=42,height=14)

textarea.pack(pady=5)

textarea.insert(END,'Receipt Ref:\t\t'+billnumber+'\t\t'+date+'\n\n')

if costoffoodvar.get() != '0 Rs':

textarea.insert(END, f'Cost Of Food\t\t\t{priceofFood}Rs\n')

if costofdrinksvar.get() != '0 Rs':

textarea.insert(END, f'Cost Of Drinks\t\t\t{priceofDrinks}Rs\n')

if costofcakesvar.get() != '0 Rs':

textarea.insert(END, f'Cost Of Cakes\t\t\t{priceofCakes}Rs\n')

textarea.insert(END, f'Sub Total\t\t\t{subtotalofItems}Rs\n')

textarea.insert(END, f'Service Tax\t\t\t{50}Rs\n')

textarea.insert(END, f'Total Cost\t\t\t{subtotalofItems + 50}Rs\n')

sendButton=Button(root2,text='SEND',font=('arial',19,'bold'),bg='white',fg='red4',bd=7,relief=GROOVE

,command=send\_msg)

sendButton.pack(pady=5)

root2.mainloop()

def save():

if textReceipt.get(1.0,END)=='\n':

pass

else:

url=filedialog.asksaveasfile(mode='w',defaultextension='.txt')

if url==None:

pass

else:

bill\_data=textReceipt.get(1.0,END)

url.write(bill\_data)

url.close()

messagebox.showinfo('Information','Your Bill Is Succesfully Saved')

def receipt():

global billnumber,date

if costoffoodvar.get() != '' or costofcakesvar.get() != '' or costofdrinksvar.get() != '':

textReceipt.delete(1.0,END)

x=random.randint(100,10000)

billnumber='BILL'+str(x)

date=time.strftime('%d/%m/%Y')

textReceipt.insert(END,'Receipt Ref:\t\t'+billnumber+'\t\t'+date+'\n')

textReceipt.insert(END,'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n')

textReceipt.insert(END,'Items:\t\t Cost Of Items(Rs)\n')

textReceipt.insert(END,'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n')

if e\_roti.get()!='0':

textReceipt.insert(END,f'Roti\t\t\t{int(e\_roti.get())\*10}\n\n')

if e\_daal.get()!='0':

textReceipt.insert(END,f'Daal\t\t\t{int(e\_daal.get())\*60}\n\n')

if e\_fish.get()!='0':

textReceipt.insert(END,f'Fish\t\t\t{int(e\_fish.get())\*100}\n\n')

if e\_chawal.get() != '0':

textReceipt.insert(END, f'Chawal:\t\t\t{int(e\_chawal.get()) \* 30}\n\n')

if e\_sabzi.get() != '0':

textReceipt.insert(END, f'Sabzi:\t\t\t{int(e\_sabzi.get()) \* 50}\n\n')

if e\_paneer.get() != '0':

textReceipt.insert(END, f'Paneer:\t\t\t{int(e\_paneer.get()) \* 100}\n\n')

if e\_kabab.get() != '0':

textReceipt.insert(END, f'Kabab:\t\t\t{int(e\_kabab.get()) \* 40}\n\n')

if e\_chicken.get() != '0':

textReceipt.insert(END, f'Chicken:\t\t\t{int(e\_chicken.get()) \* 120}\n\n')

if e\_mutton.get() != '0':

textReceipt.insert(END, f'Mutton:\t\t\t{int(e\_mutton.get()) \* 120}\n\n')

if e\_lassi.get() != '0':

textReceipt.insert(END, f'Lassi:\t\t\t{int(e\_lassi.get()) \* 50}\n\n')

if e\_coffee.get() != '0':

textReceipt.insert(END, f'Coffee:\t\t\t{int(e\_coffee.get()) \* 40}\n\n')

if e\_falooda.get() != '0':

textReceipt.insert(END, f'Falooda:\t\t\t{int(e\_falooda.get()) \* 80}\n\n')

if e\_slush.get() != '0':

textReceipt.insert(END, f'slush:\t\t\t{int(e\_slush.get()) \* 30}\n\n')

if e\_tea.get() != '0':

textReceipt.insert(END, f'tea:\t\t\t{int(e\_tea.get()) \* 40}\n\n')

if e\_roohafza.get() != '0':

textReceipt.insert(END, f'Roohafza:\t\t\t{int(e\_roohafza.get()) \* 60}\n\n')

if e\_masalatea.get() != '0':

textReceipt.insert(END, f'Masala Chai:\t\t\t{int(e\_masalatea.get()) \* 20}\n\n')

if e\_badammilk.get() != '0':

textReceipt.insert(END, f'Badam Milk:\t\t\t{int(e\_badammilk.get()) \* 50}\n\n')

if e\_coldrinks.get() != '0':

textReceipt.insert(END, f'Cold Drinks:\t\t\t{int(e\_coldrinks.get()) \* 80}\n\n')

if e\_oreo.get() != '0':

textReceipt.insert(END, f'Oreo:\t\t\t{int(e\_oreo.get()) \* 400}\n\n')

if e\_apple.get() != '0':

textReceipt.insert(END, f'Apple:\t\t\t{int(e\_apple.get()) \* 300}\n\n')

if e\_kitkat.get() != '0':

textReceipt.insert(END, f'Kitkat:\t\t\t{int(e\_kitkat.get()) \* 500}\n\n')

if e\_banana.get() != '0':

textReceipt.insert(END, f'Banana:\t\t\t{int(e\_banana.get()) \* 450}\n\n')

if e\_brownie.get() != '0':

textReceipt.insert(END, f'Brownie:\t\t\t{int(e\_brownie.get()) \* 800}\n\n')

if e\_pineapple.get() != '0':

textReceipt.insert(END, f'Pineapple:\t\t\t{int(e\_pineapple.get()) \* 620}\n\n')

if e\_chocolate.get() != '0':

textReceipt.insert(END, f'Chocolate:\t\t\t{int(e\_chocolate.get()) \* 700}\n\n')

if e\_blackforest.get() != '0':

textReceipt.insert(END, f'Black Forest:\t\t\t{int(e\_blackforest.get()) \* 550}\n\n')

if e\_vanilla.get() != '0':

textReceipt.insert(END, f'Vanilla:\t\t\t{int(e\_vanilla.get()) \* 550}\n\n')

textReceipt.insert(END,'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n')

if costoffoodvar.get()!='0 Rs':

textReceipt.insert(END,f'Cost Of Food\t\t\t{priceofFood}Rs\n\n')

if costofdrinksvar.get() != '0 Rs':

textReceipt.insert(END,f'Cost Of Drinks\t\t\t{priceofDrinks}Rs\n\n')

if costofcakesvar.get() != '0 Rs':

textReceipt.insert(END,f'Cost Of Cakes\t\t\t{priceofCakes}Rs\n\n')

textReceipt.insert(END, f'Sub Total\t\t\t{subtotalofItems}Rs\n\n')

textReceipt.insert(END, f'Service Tax\t\t\t{50}Rs\n\n')

textReceipt.insert(END, f'Total Cost\t\t\t{subtotalofItems+50}Rs\n\n')

textReceipt.insert(END,'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n')

else:

messagebox.showerror('Error','No Item Is selected')

def totalcost():

global priceofFood,priceofDrinks,priceofCakes,subtotalofItems

if var1.get() != 0 or var2.get() != 0 or var3.get() != 0 or var4.get() != 0 or var5.get() != 0 or \

var6.get() != 0 or var7.get() != 0 or var8.get() != 0 or var9.get() != 0 or var10.get() != 0 or\

var11.get() != 0 or var12.get() != 0 or var13.get() != 0 or var14.get() != 0 or var15.get() != 0 or \

var16.get() != 0 or var17.get() != 0 or var18.get() != 0 or var19.get() != 0 or var20.get() != 0 or \

var21.get() != 0 or var22.get() != 0 or var23.get() != 0 or var24.get() != 0 or var25.get() != 0 or\

var26.get() != 0 or var27.get() != 0:

item1=int(e\_roti.get())

item2=int(e\_daal.get())

item3=int(e\_fish.get())

item4 = int(e\_sabzi.get())

item5 = int(e\_kabab.get())

item6 = int(e\_chawal.get())

item7 = int(e\_mutton.get())

item8 = int(e\_paneer.get())

item9 = int(e\_chicken.get())

item10 = int(e\_lassi.get())

item11 = int(e\_coffee.get())

item12 = int(e\_falooda.get())

item13 = int(e\_slush.get())

item14 = int(e\_tea.get())

item15 = int(e\_roohafza.get())

item16 = int(e\_masalatea.get())

item17 = int(e\_badammilk.get())

item18 = int(e\_coldrinks.get())

item19 = int(e\_oreo.get())

item20 = int(e\_apple.get())

item21 = int(e\_kitkat.get())

item22 = int(e\_vanilla.get())

item23 = int(e\_banana.get())

item24 = int(e\_brownie.get())

item25 = int(e\_pineapple.get())

item26 = int(e\_chocolate.get())

item27 = int(e\_blackforest.get())

priceofFood=(item1\*10)+(item2\*60)+(item3\*100)+(item4\*50)+ (item5\*40) + (item6 \* 30) + (item7 \* 120) \

+ (item8 \* 100) + (item9 \* 120)

priceofDrinks=(item10\*50)+(item11\*40)+ (item12 \* 80) + (item13 \* 30) + (item14 \* 40) + (item15 \* 60) \

+ (item16 \* 20) + (item17 \* 50) + (item18 \* 80)

priceofCakes=(item19\*400)+(item20\*300)+ (item21 \* 500) + (item22 \* 550) + (item23 \* 450) + (item24 \* 800) \

+ (item25 \* 620) + (item26 \* 700) + (item27 \* 550)

costoffoodvar.set(str(priceofFood)+ ' Rs')

costofdrinksvar.set(str(priceofDrinks)+ ' Rs')

costofcakesvar.set(str(priceofCakes)+ ' Rs')

subtotalofItems=priceofFood+priceofDrinks+priceofCakes

subtotalvar.set(str(subtotalofItems)+' Rs')

servicetaxvar.set('50 Rs')

tottalcost=subtotalofItems+50

totalcostvar.set(str(tottalcost)+' Rs')

else:

messagebox.showerror('Error','No Item Is selected')

def roti():

if var1.get()==1:

textroti.config(state=NORMAL)

textroti.delete(0,END)

textroti.focus()

else:

textroti.config(state=DISABLED)

e\_roti.set('0')

def daal():

if var2.get()==1:

textdaal.config(state=NORMAL)

textdaal.delete(0,END)

textdaal.focus()

else:

textdaal.config(state=DISABLED)

e\_daal.set('0')

def fish():

if var3.get()==1:

textfish.config(state=NORMAL)

textfish.delete(0,END)

textfish.focus()

else:

textfish.config(state=DISABLED)

e\_fish.set('0')

def sabzi():

if var4.get() == 1:

textsabzi.config(state=NORMAL)

textsabzi.focus()

textsabzi.delete(0, END)

elif var4.get() == 0:

textsabzi.config(state=DISABLED)

e\_sabzi.set('0')

def kabab():

if var5.get() == 1:

textkeabab.config(state=NORMAL)

textkabab.focus()

textkabab.delete(0, END)

elif var5.get() == 0:

textkabab.config(state=DISABLED)

e\_kabab.set('0')

def chawal():

if var6.get() == 1:

textchawal.config(state=NORMAL)

textchawal.focus()

textchawal.delete(0, END)

elif var6.get() == 0:

textchawal.config(state=DISABLED)

e\_chawal.set('0')

def mutton():

if var7.get() == 1:

textmutton.config(state=NORMAL)

textmutton.focus()

textmutton.delete(0, END)

elif var7.get() == 0:

textmutton.config(state=DISABLED)

e\_mutton.set('0')

def paneer():

if var8.get() == 1:

textpaneer.config(state=NORMAL)

textpaneer.focus()

textpaneer.delete(0, END)

elif var8.get() == 0:

textpaneer.config(state=DISABLED)

e\_paneer.set('0')

def chicken():

if var9.get() == 1:

textchicken.config(state=NORMAL)

textchicken.focus()

textchicken.delete(0, END)

elif var9.get() == 0:

textchicken.config(state=DISABLED)

e\_chicken.set('0')

def lassi():

if var10.get() == 1:

textlassi.config(state=NORMAL)

textlassi.focus()

textlassi.delete(0, END)

elif var10.get() == 0:

textlassi.config(state=DISABLED)

e\_lassi.set('0')

def coffee():

if var11.get() == 1:

textcoffee.config(state=NORMAL)

textcoffee.focus()

textcoffee.delete(0, END)

elif var11.get() == 0:

textcoffee.config(state=DISABLED)

e\_coffee.set('0')

def falooda():

if var12.get() == 1:

textfalooda.config(state=NORMAL)

textfalooda.focus()

textfalooda.delete(0, END)

elif var12.get() == 0:

textfaooda.config(state=DISABLED)

e\_falooda.set('0')

def slush():

if var13.get() == 1:

textslush.config(state=NORMAL)

textslush.focus()

textslush.delete(0, END)

elif var13.get() == 0:

textslush.config(state=DISABLED)

e\_slush.set('0')

def tea():

if var14.get() == 1:

texttea.config(state=NORMAL)

texttea.focus()

texttea.delete(0, END)

elif var14.get() == 0:

texttea.config(state=DISABLED)

e\_tea.set('0')

def roohafza():

if var15.get() == 1:

textroohafza.config(state=NORMAL)

textroohafza.focus()

textroohafza.delete(0, END)

elif var15.get() == 0:

textroohafza.config(state=DISABLED)

e\_roohafza.set('0')

def masalatea():

if var16.get() == 1:

textmasalatea.config(state=NORMAL)

textmasalatea.focus()

textmasalatea.delete(0, END)

elif var16.get() == 0:

textmasalatea.config(state=DISABLED)

e\_masalatea.set('0')

def badammilk():

if var17.get() == 1:

textbadammilk.config(state=NORMAL)

textbadammilk.focus()

textbadammilk.delete(0, END)

elif var17.get() == 0:

textbadammilk.config(state=DISABLED)

e\_badammilk.set('0')

def colddrinks():

if var18.get() == 1:

textcolddrinks.config(state=NORMAL)

textcolddrinks.focus()

textcolddrinks.delete(0, END)

elif var18.get() == 0:

textcolddrinks.config(state=DISABLED)

e\_coldrinks.set('0')

def oreo():

if var19.get() == 1:

textoreo.config(state=NORMAL)

textoreo.focus()

textoreo.delete(0, END)

elif var19.get() == 0:

textoreo.config(state=DISABLED)

e\_oreo.set('0')

def apple():

if var20.get() == 1:

textapple.config(state=NORMAL)

textapple.focus()

textapple.delete(0, END)

elif var20.get() == 0:

textapple.config(state=DISABLED)

e\_apple.set('0')

def kitkat():

if var21.get() == 1:

textkitkat.config(state=NORMAL)

textkitkat.focus()

textkitkat.delete(0, END)

elif var21.get() == 0:

textkitkat.config(state=DISABLED)

e\_kitkat.set('0')

def vanilla():

if var22.get() == 1:

textvanilla.config(state=NORMAL)

textvanilla.focus()

textvanilla.delete(0, END)

elif var22.get() == 0:

textvanilla.config(state=DISABLED)

e\_vanilla.set('0')

def banana():

if var23.get() == 1:

textbanana.config(state=NORMAL)

textbanana.focus()

textbanana.delete(0, END)

elif var23.get() == 0:

textbanana.config(state=DISABLED)

e\_banana.set('0')

def brownie():

if var24.get() == 1:

textbrownie.config(state=NORMAL)

textbrownie.focus()

textbrownie.delete(0, END)

elif var24.get() == 0:

textbrownie.config(state=DISABLED)

e\_brownie.set('0')

def pineapple():

if var25.get() == 1:

textpineapple.config(state=NORMAL)

textpineapple.focus()

textpineapple.delete(0, END)

elif var25.get() == 0:

textpineapple.config(state=DISABLED)

e\_pineapple.set('0')

def chocolate():

if var26.get() == 1:

textchocolate.config(state=NORMAL)

textchocolate.focus()

textchocolate.delete(0, END)

elif var26.get() == 0:

textchocolate.config(state=DISABLED)

e\_chocolate.set('0')

def blackforest():

if var27.get() == 1:

textblackforest.config(state=NORMAL)

textblackforest.focus()

textblackforest.delete(0, END)

elif var27.get() == 0:

textblackforest.config(state=DISABLED)

e\_blackforest.set('0')

root=Tk()

root.geometry('1270x690+0+0')

root.resizable(0,0)

root.title('food orderinig system')

root.config(bg='firebrick4')

topFrame=Frame(root,bd=10,relief=RIDGE,bg='firebrick4')

topFrame.pack(side=TOP)

labelTitle=Label(topFrame,text='FOOD ORDERING SYSTEM',font=('arial',30,'bold'),fg='yellow',bd=9,

bg='red4',width=51)

labelTitle.grid(row=0,column=0)

#frames

menuFrame=Frame(root,bd=10,relief=RIDGE,bg='firebrick4')

menuFrame.pack(side=LEFT)

costFrame=Frame(menuFrame,bd=4,relief=RIDGE,bg='firebrick4',pady=10)

costFrame.pack(side=BOTTOM)

foodFrame=LabelFrame(menuFrame,text='Food',font=('arial',19,'bold'),bd=10,relief=RIDGE,fg='red4',)

foodFrame.pack(side=LEFT)

drinksFrame=LabelFrame(menuFrame,text='Drinks',font=('arial',19,'bold'),bd=10,relief=RIDGE,fg='red4')

drinksFrame.pack(side=LEFT)

cakesFrame=LabelFrame(menuFrame,text='Cakes',font=('arial',19,'bold'),bd=10,relief=RIDGE,fg='red4')

cakesFrame.pack(side=LEFT)

rightFrame=Frame(root,bd=15,relief=RIDGE,bg='red4')

rightFrame.pack(side=RIGHT)

calculatorFrame=Frame(rightFrame,bd=1,relief=RIDGE,bg='red4')

calculatorFrame.pack()

recieptFrame=Frame(rightFrame,bd=4,relief=RIDGE,bg='red4')

recieptFrame.pack()

buttonFrame=Frame(rightFrame,bd=3,relief=RIDGE,bg='red4')

buttonFrame.pack()

#Variables

var1=IntVar()

var2=IntVar()

var3=IntVar()

var4=IntVar()

var5 = IntVar()

var6 = IntVar()

var7 = IntVar()

var8 = IntVar()

var9 = IntVar()

var10 = IntVar()

var11 = IntVar()

var12 = IntVar()

var13 = IntVar()

var14 = IntVar()

var15 = IntVar()

var16 = IntVar()

var17 = IntVar()

var18 = IntVar()

var19 = IntVar()

var20 = IntVar()

var21 = IntVar()

var22 = IntVar()

var23 = IntVar()

var24 = IntVar()

var25 = IntVar()

var26 = IntVar()

var27 = IntVar()

e\_roti=StringVar()

e\_daal=StringVar()

e\_sabzi = StringVar()

e\_chawal = StringVar()

e\_fish = StringVar()

e\_mutton = StringVar()

e\_kabab = StringVar()

e\_chicken = StringVar()

e\_paneer = StringVar()

e\_lassi=StringVar()

e\_coffee = StringVar()

e\_falooda = StringVar()

e\_slush = StringVar()

e\_roohafza = StringVar()

e\_tea = StringVar()

e\_masalatea = StringVar()

e\_badammilk = StringVar()

e\_coldrinks = StringVar()

e\_oreo=StringVar()

e\_kitkat = StringVar()

e\_vanilla = StringVar()

e\_apple = StringVar()

e\_blackforest = StringVar()

e\_banana = StringVar()

e\_brownie = StringVar()

e\_pineapple = StringVar()

e\_chocolate = StringVar()

costoffoodvar=StringVar()

costofdrinksvar=StringVar()

costofcakesvar=StringVar()

subtotalvar=StringVar()

servicetaxvar=StringVar()

totalcostvar=StringVar()

e\_roti.set('0')

e\_daal.set('0')

e\_sabzi.set('0')

e\_fish.set('0')

e\_kabab.set('0')

e\_chawal.set('0')

e\_mutton.set('0')

e\_chicken.set('0')

e\_paneer.set('0')

e\_lassi.set('0')

e\_coffee.set('0')

e\_falooda.set('0')

e\_roohafza.set('0')

e\_slush.set('0')

e\_tea.set('0')

e\_masalatea.set('0')

e\_badammilk.set('0')

e\_coldrinks.set('0')

e\_kitkat.set('0')

e\_banana.set('0')

e\_pineapple.set('0')

e\_apple.set('0')

e\_chocolate.set('0')

e\_oreo.set('0')

e\_blackforest.set('0')

e\_brownie.set('0')

e\_vanilla.set('0')

##FOOD

roti=Checkbutton(foodFrame,text='Roti',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var1

,command=roti)

roti.grid(row=0,column=0,sticky=W)

daal=Checkbutton(foodFrame,text='Daal',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var2

,command=daal)

daal.grid(row=1,column=0,sticky=W)

fish=Checkbutton(foodFrame,text='Fish',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var3

,command=fish)

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

sabzi=Checkbutton(foodFrame,text='Sabzi',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var4

,command=sabzi)

sabzi.grid(row=3,column=0,sticky=W)

kabab=Checkbutton(foodFrame,text='kabab',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var5

,command=kabab)

kabab.grid(row=4,column=0,sticky=W)

chawal=Checkbutton(foodFrame,text='Chawal',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var6

,command=chawal)

chawal.grid(row=5,column=0,sticky=W)

mutton=Checkbutton(foodFrame,text='Mutton',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var7,

command=mutton)

mutton.grid(row=6,column=0,sticky=W)

paneer=Checkbutton(foodFrame,text='Paneer',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var8

,command=paneer)

paneer.grid(row=7,column=0,sticky=W)

chicken=Checkbutton(foodFrame,text='Chicken',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var9

,command=chicken)

chicken.grid(row=8,column=0,sticky=W)

#Entry Fields for Food Items

textroti=Entry(foodFrame,font=('arial',18,'bold'),bd=7,width=6,state=DISABLED,textvariable=e\_roti)

textroti.grid(row=0,column=1)

textdaal=Entry(foodFrame,font=('arial',18,'bold'),bd=7,width=6,state=DISABLED,textvariable=e\_daal)

textdaal.grid(row=1,column=1)

textfish=Entry(foodFrame,font=('arial',18,'bold'),bd=7,width=6,state=DISABLED,textvariable=e\_fish)

textfish.grid(row=2,column=1)

textsabzi = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_sabzi)

textsabzi.grid(row=3, column=1)

textkabab = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_kabab)

textkabab.grid(row=4, column=1)

textchawal = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_chawal)

textchawal.grid(row=5, column=1)

textmutton = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_mutton)

textmutton.grid(row=6, column=1)

textpaneer = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_paneer)

textpaneer.grid(row=7, column=1)

textchicken = Entry(foodFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_chicken)

textchicken.grid(row=8, column=1)

#Drinks

lassi=Checkbutton(drinksFrame,text='Lassi',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var10

,command=lassi)

lassi.grid(row=0,column=0,sticky=W)

coffee=Checkbutton(drinksFrame,text='Coffee',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var11

,command=coffee)

coffee.grid(row=1,column=0,sticky=W)

falooda=Checkbutton(drinksFrame,text='Falooda',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var12

,command=falooda)

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

slush=Checkbutton(drinksFrame,text='slush',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var13

,command=slush)

slush.grid(row=3,column=0,sticky=W)

tea=Checkbutton(drinksFrame,text='tea',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var14

,command=tea)

tea.grid(row=4,column=0,sticky=W)

roohafza=Checkbutton(drinksFrame,text='Roohafza',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var15

,command=roohafza)

roohafza.grid(row=5,column=0,sticky=W)

masalatea=Checkbutton(drinksFrame,text='Masala Tea',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var16

,command=masalatea)

masalatea.grid(row=6,column=0,sticky=W)

badammilk=Checkbutton(drinksFrame,text='Badam Milk',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var17

,command=badammilk)

badammilk.grid(row=7,column=0,sticky=W)

colddrinks=Checkbutton(drinksFrame,text='Cold Drinks',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var18

,command=colddrinks)

colddrinks.grid(row=8,column=0,sticky=W)

#entry fields for drink items

textlassi = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_lassi)

textlassi.grid(row=0, column=1)

textcoffee = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_coffee)

textcoffee.grid(row=1, column=1)

textfalooda = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_falooda)

textfalooda.grid(row=2, column=1)

textslush = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_slush)

textslush.grid(row=3, column=1)

texttea = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_tea)

texttea.grid(row=4, column=1)

textroohafza = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_roohafza)

textroohafza.grid(row=5, column=1)

textmasalatea = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED,textvariable=e\_masalatea)

textmasalatea.grid(row=6, column=1)

textbadammilk = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_badammilk)

textbadammilk.grid(row=7, column=1)

textcolddrinks = Entry(drinksFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_coldrinks)

textcolddrinks.grid(row=8, column=1)

#Cakes

oreocake=Checkbutton(cakesFrame,text='Oreo',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var19

,command=oreo)

oreocake.grid(row=0,column=0,sticky=W)

applecake=Checkbutton(cakesFrame,text='Apple',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var20

,command=apple)

applecake.grid(row=1,column=0,sticky=W)

kitkatcake=Checkbutton(cakesFrame,text='Kitkat',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var21

,command=kitkat)

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

vanillacake=Checkbutton(cakesFrame,text='Vanilla',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var22

,command=vanilla)

vanillacake.grid(row=3,column=0,sticky=W)

bananacake=Checkbutton(cakesFrame,text='Banana',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var23

,command=banana)

bananacake.grid(row=4,column=0,sticky=W)

browniecake=Checkbutton(cakesFrame,text='Brownie',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var24

,command=brownie)

browniecake.grid(row=5,column=0,sticky=W)

pineapplecake=Checkbutton(cakesFrame,text='Pineapple',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var25

,command=pineapple)

pineapplecake.grid(row=6,column=0,sticky=W)

chocolatecake=Checkbutton(cakesFrame,text='Chocolate',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var26

,command=chocolate)

chocolatecake.grid(row=7,column=0,sticky=W)

blackforestcake=Checkbutton(cakesFrame,text='Black Forest',font=('arial',18,'bold'),onvalue=1,offvalue=0,variable=var27

,command=blackforest)

blackforestcake.grid(row=8,column=0,sticky=W)

#entry fields for cakes

textoreo = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_oreo)

textoreo.grid(row=0, column=1)

textapple = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_apple)

textapple.grid(row=1, column=1)

textkitkat = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_kitkat)

textkitkat.grid(row=2, column=1)

textvanilla = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_vanilla)

textvanilla.grid(row=3, column=1)

textbanana = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_banana)

textbanana.grid(row=4, column=1)

textbrownie = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_brownie)

textbrownie.grid(row=5, column=1)

textpineapple = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_pineapple)

textpineapple.grid(row=6, column=1)

textchocolate = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED, textvariable=e\_chocolate)

textchocolate.grid(row=7, column=1)

textblackforest = Entry(cakesFrame, font=('arial', 18, 'bold'), bd=7, width=6, state=DISABLED,textvariable=e\_blackforest)

textblackforest.grid(row=8, column=1)

#costlabels & entry fields

labelCostofFood=Label(costFrame,text='Cost of Food',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelCostofFood.grid(row=0,column=0)

textCostofFood=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=costoffoodvar)

textCostofFood.grid(row=0,column=1,padx=41)

labelCostofDrinks=Label(costFrame,text='Cost of Drinks',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelCostofDrinks.grid(row=1,column=0)

textCostofDrinks=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=costofdrinksvar)

textCostofDrinks.grid(row=1,column=1,padx=41)

labelCostofCakes=Label(costFrame,text='Cost of Cakes',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelCostofCakes.grid(row=2,column=0)

textCostofCakes=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=costofcakesvar)

textCostofCakes.grid(row=2,column=1,padx=41)

labelSubTotal=Label(costFrame,text='Sub Total',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelSubTotal.grid(row=0,column=2)

textSubTotal=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=subtotalvar)

textSubTotal.grid(row=0,column=3,padx=41)

labelServiceTax=Label(costFrame,text='Service Tax',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelServiceTax.grid(row=1,column=2)

textServiceTax=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=servicetaxvar)

textServiceTax.grid(row=1,column=3,padx=41)

labelTotalCost=Label(costFrame,text='Total Cost',font=('arial',16,'bold'),bg='firebrick4',fg='white')

labelTotalCost.grid(row=2,column=2)

textTotalCost=Entry(costFrame,font=('arial',16,'bold'),bd=6,width=14,state='readonly',textvariable=totalcostvar)

textTotalCost.grid(row=2,column=3,padx=41)

#Buttons

buttonTotal=Button(buttonFrame,text='Total',font=('arial',14,'bold'),fg='white',bg='red4',bd=3,padx=5,

command=totalcost)

buttonTotal.grid(row=0,column=0)

buttonReceipt=Button(buttonFrame,text='Receipt',font=('arial',14,'bold'),fg='white',bg='red4',bd=3,padx=5

,command=receipt)

buttonReceipt.grid(row=0,column=1)

buttonSave=Button(buttonFrame,text='Save',font=('arial',14,'bold'),fg='white',bg='red4',bd=3,padx=5

,command=save)

buttonSave.grid(row=0,column=2)

buttonReset=Button(buttonFrame,text='Reset',font=('arial',14,'bold'),fg='white',bg='red4',bd=3,padx=5,

command=reset)

buttonReset.grid(row=0,column=4)

#textarea for receipt

textReceipt=Text(recieptFrame,font=('arial',12,'bold'),bd=3,width=42,height=14)

textReceipt.grid(row=0,column=0)

root.mainloop()