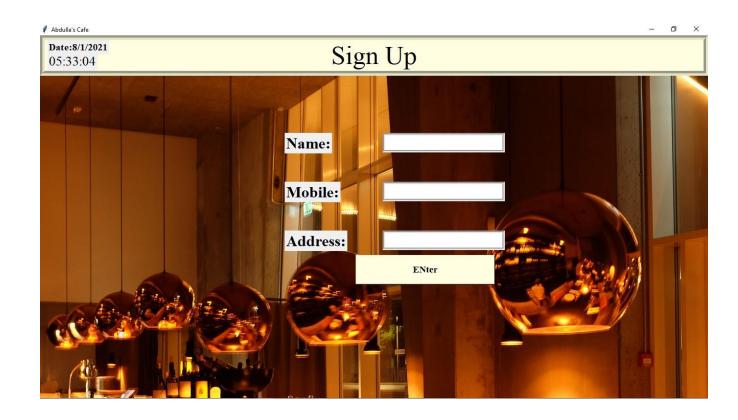
# Login page





## Login page (Coding)

```
from tkinter import *
import os
from PIL import ImageTk
from tkinter import messagebox
import time
import csv
class Login_System:
  def __init__(self,root):
    self.root=root
    self.root.title("spring food court")
    self.root.geometry("1920x1080+0+0")
    self.img=ImageTk.PhotoImage(file="7.jpg")
    self.img_Label=Label(image=self.img,bd=0)
    self.img_Label.place(x=00,y=00)
    title=Label(text="Sign Up",font=("Times new
roman",40,),bd=10,relief=GROOVE,bg="light yellow")
    title.place(x=0,y=0,relwidth=1)
    lbl_user=Label(text="Name:",font=("Times new roman",24,"bold"))
    lbl\_user.place(x=500,y=200)
    self.txt_user=Entry(font=("times new
roman",20),bg="white",bd=5,relief=GROOVE)
    self.txt_user.place(x=700,y=200,width=250,height=40)
    lbl_mobile=Label(text="Mobile:",font=("Times new roman",24,"bold"))
    lbl_mobile.place(x=500,y=300)
    self.txt_mobile=Entry(font=("times new
roman",20),bg="white",bd=5,relief=GROOVE)
    self.txt_mobile.place(x=700,y=300,width=250,height=40)
```

```
lbl_add=Label(text="Address:",font=("Times new roman",24,"bold"))
   1bl_add.place(x=500,y=400)
   self.txt_add=Entry(font=("times new
roman",20),bg="white",bd=5,relief=GROOVE)
   self.txt_add.place(x=700,y=400,width=250,height=40)
#======Button=======#
Login_btn_emp=Button(self.root,command=self.login_function,text="ENter",width=2
5,height=2,font=("Times new roman",14,"bold"),fg="black",bg="Light yellow")
   Login_btn_emp.place(x=645,y=450)
#=======Clock&Date========#
   def clock():
     hour=time.strftime("%I")
     minute=time.strftime("%M")
     second=time.strftime("%S")
     clock_lable.config(text=hour + ':' + minute + ':' + second)
     clock_lable.after(1000,clock)
   clock_lable=Label(root, text="", font=("Times new roman",20))
   clock_lable.place(x=15,y=35)
   clock()
   Date_lable=Label(root,text="Date:8/1/2021",font=("Times new
roman", 15, "bold"))
   Date_lable.place(x=15,y=10)
def login_function(self):
```

```
if self.txt_user.get()=="" or self.txt_mobile.get()=="" or self.txt_add.get()=="":
    messagebox.showerror("Error","All fields are required",parent=self.root)
else:
    os.system("1.py")
    cv_1= self.txt_user.get()
    cv_2=self.txt_mobile.get()
    cv_3=self.txt_add.get()
    with open("user.csv",mode="a") as f:
        w=csv.writer(f,delimiter=',',quotechar='"',quoting=csv.QUOTE_ALL)
        w.writerow([cv_1,cv_2,cv_3])

root=Tk()
obj=Login_System(root)
root.mainloop()
```

#### **Hotel Selection**



# Hotel Selection(coding)

```
from tkinter import*

import os

from PIL import ImageTk

from tkinter import messagebox

root=Tk()

root.title("Welcome")

root.configure(background="light Yellow")

title=Label(text="Choose Restaurant",font=("Times new roman",40,),fg="black",bg="light pink")

title.place(x=0,y=0,relwidth=1)

def indian():

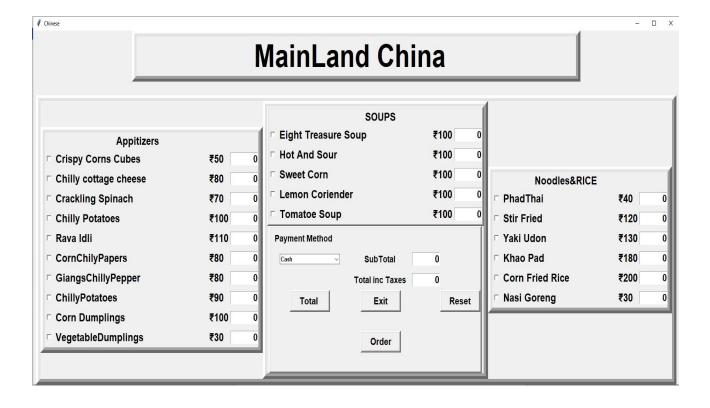
os.system("south.py")
```

```
def indian1():
  os.system("chinese.py")
def indian2():
  os.system("nonveg.py")
def indian3():
  os.system("street.py")
my_img=ImageTk.PhotoImage(file="12.jpg")
my_label=Label(image=my_img)
my_label.place(x=1000,y=100,height="250",width="500")
a=Button(root,command=indian,text="South Corner",height=2,width=16,
font=("Times new roman",14,"bold"),fg="black",bg="cyan")
a.place(x=1000, y=100)
my_i=ImageTk.PhotoImage(file="chinese.jfif")
my_labl=Label(image=my_i)
my labl.place(x=50,y=100,height="250",width="500")
a1=Button(root,command=indian1,text="MainLand China",height=2,font=("Times
new roman",14,"bold"),fg="black",bg="cyan")
a1.place (x=50,y=100)
my1=ImageTk.PhotoImage(file="nv1.jpg")
my_=Label(image=my1)
my_.place(x=50,y=400,height="250",width="500")
a2=Button(root,command=indian2,text="Kareems Rolls",height=2,font=("Times new
roman",14,"bold"),fg="black",bg="cyan")
a2.place(x=50,y=400)
my=ImageTk.PhotoImage(file="ff.jpg")
my_=Label(image=my)
my_.place(x=1000,y=400,height="250",width="500")
a3=Button(root,command=indian3,text="Street Style Food",height=2,font=("Times
new roman",14,"bold"),fg="black",bg="cyan")
```

a3.place(x=1000,y=400)

root.geometry("1920x1080+0+0")
root.mainloop()

## Main Land China



# Main Land China(coding)

```
from tkinter import*
import random
import time;
import datetime
import csv
from tkinter import Tk, StringVar, ttk,messagebox
root=Tk()
root.geometry("1750x750+0+0")
root.title("Chinese")
Tops=Frame(root,width=1550,height=100,bd=12,relief="raise")
Tops.pack(side=TOP)
lblTitle=Label(Tops,font=("ariel",50,"bold"),text="\t MainLand China\t\t")
lblTitle.grid(row=0, column=0)
btmmainframe=Frame(root,width=1350,height=650,bd=12,relief="raise")
btmmainframe.pack(side=BOTTOM)
f1=Frame(btmmainframe,width=450,height=650,bd=12,relief="raise")
f1.pack(side=LEFT)
f2=Frame(btmmainframe,width=450,height=450,bd=12,relief="raise")
f2.pack(side=LEFT)
f2top=Frame(f2,width=450,height=300,bd=4,relief="raise")
f2top.pack(side=TOP)
f2btm=Frame(f2,width=450,height=300,bd=4,relief="raise")
f2btm.pack(side=BOTTOM)
f3top=Frame(btmmainframe,width=450,height=300,bd=12,relief="raise")
f3top.pack(side=RIGHT)
```

- x1=IntVar()
- x2=IntVar()
- x3=IntVar()
- x4=IntVar()
- x5=IntVar()
- x6=IntVar()
- x7=IntVar()
- x8=IntVar()
- x9=IntVar()
- x10=IntVar()
- x11=IntVar()
- x12=IntVar()
- x13=IntVar()
- x14=IntVar()
- x15=IntVar()
- x16=IntVar()
- x17=IntVar()
- x18=IntVar()
- x19=IntVar()
- x20=IntVar()
- x21=IntVar()
- x22=IntVar()
- x23=IntVar()
- x1.set(0)
- x2.set(0)
- x3.set(0)
- x4.set(0)

```
x5.set(0)
```

### x22.set(0)

#### xGrilledidlis=StringVar()

xMasalaIdli=StringVar()

xRavaMasalaIdli=StringVar()

xSoojiMasalaIdli=StringVar()

xRavaIdli=StringVar()

xSojiIdli=StringVar()

xfriedidli=StringVar()

xravaidlifried=StringVar()

xsoojiFriedidli=StringVar()

xplaneidli=StringVar()

xRavaMasalaDosa=StringVar()

xMasalaDosa=StringVar()

```
xPlainDosa=StringVar()
xRavaDosa=StringVar()
xSoojiMasalaDosa=StringVar()
xmoj=StringVar()
xlir=StringVar()
xspt=StringVar()
xbm=StringVar()
xcok=StringVar()
xfan=StringVar()
xChange=StringVar()
x22=StringVar()
xSubTotal=StringVar()
xTax=StringVar()
xTotal=StringVar()
xGrilledidlis.set("0")
xMasalaIdli.set("0")
xRavaMasalaIdli.set("0")
xSoojiMasalaIdli.set("0")
xRavaIdli.set("0")
xSojiIdli.set("0")
xfriedidli.set("0")
xravaidlifried.set("0")
xsoojiFriedidli.set("0")
xplaneidli.set("0")
xRavaMasalaDosa.set("0")
xMasalaDosa.set("0")
xPlainDosa.set("0")
xRavaDosa.set("0")
xSoojiMasalaDosa.set("0")
xmoj.set("0")
xlir.set("0")
```

```
xspt.set("0")
xbm.set("0")
xcok.set("0")
xfan.set("0")
xChange.set("0")
x22.set("0")
x23.set("0")
xSubTotal.set("0")
xTax.set("0")
xTotal.set("0")
lblTitle=Label(f1,font=("ariel",18,"bold"),text="Appitizers")
lblTitle.grid(row=0, column=0)
Grilledidlis=Checkbutton(f1,text="CrispyCornsCubes\t\t□50",variable=x1,onvalue=
1,offvalue=0,font=("ariel",18,"bold")).grid(row=1,column=0,sticky=W)
txtGrilledidlis=Entry(f1,font=('arial',16,'bold'),textvariable=xGrilledidlis,width=6,justi
fy='right').grid(row=1,column=1)
MasalaIdli=Checkbutton(f1,text="Chillycottagecheese\t\t□80",variable=x2,onvalue=
1,offvalue=0,font=("ariel",18,"bold")).grid(row=2,column=0,sticky=W)
txtMasalaIdli=Entry(f1,font=('arial',16,'bold'),textvariable=xMasalaIdli,width=6,justif
y='right').grid(row=2,column=1)
RavaMasalaIdli=Checkbutton(f1,text="CracklingSpinach\t\t\\70",variable=x3,onval
ue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=3,column=0,sticky=W)
txtRavaMasalaIdli=Entry(f1,font=('arial',16,'bold'),textvariable=xRavaMasalaIdli,widt
h=6,justify='right').grid(row=3,column=1)
SoojiMasalaIdli=Checkbutton(f1,text="ChillyPotatoes\t\t\□100",variable=x4,onval
ue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=4,column=0,sticky=W)
txtSoojiMasalaIdli=Entry(f1,font=('arial',16,'bold'),textvariable=xSoojiMasalaIdli,widt
h=6,justify='right').grid(row=4,column=1)
RavaIdli=Checkbutton(f1,text="RavaIdli\t\t\t\t\l110",variable=x5,onvalue=1,offval
ue=0,font=("ariel",18,"bold")).grid(row=5,column=0,sticky=W)
txtRavaIdli=Entry(f1,font=('arial',16,'bold'),textvariable=xRavaIdli,width=6,justify='ri
ght').grid(row=5,column=1)
```

SojiIdli=Checkbutton(f1,text="CornChilyPapers\t\t\t□80",variable=x6,onvalue=1,of fvalue=0, font=("ariel",18,"bold")).grid(row=6,column=0,sticky=W) txtSojiIdli=Entry(f1,font=('arial',16,'bold'),textvariable=xSojiIdli,width=6,justify='righ t').grid(row=6,column=1) friedidli=Checkbutton(f1,text="GiangsChillyPepper\t\t□80",variable=x7,onvalue=1, offvalue=0, font=("ariel",18,"bold")).grid(row=8,column=0,sticky=W) txtfriedidli=Entry(f1,font=('arial',16,'bold'),textvariable=xfriedidli,width=6,justify='rig ht').grid(row=8,column=1) ravaidlifried=Checkbutton(f1,text="ChillyPotatoes\t\t\t□90",variable=x8,onvalue=1 ,offvalue=0,font=("ariel",18,"bold")).grid(row=9,column=0,sticky=W) txtravaidlifried=Entry(f1,font=('arial',16,'bold'),textvariable=xravaidlifried,width=6,ju stify='right').grid(row=9,column=1) soojiFriedidli=Checkbutton(f1,text="CornDumplings\t\t\t□100",variable=x9,onvalu e=1,offvalue=0,font=("ariel",18,"bold")).grid(row=10,column=0,sticky=W) txtsoojiFriedidli=Entry(f1,font=('arial',16,'bold'),textvariable=xsoojiFriedidli,width=6, justify='right').grid(row=10,column=1) planeidli=Checkbutton(f1,text="VegetableDumplings\t\t□30",variable=x11,onvalue =1,offvalue=0, font=("ariel",18,"bold")).grid(row=12,column=0,sticky=W) Entry(f1,font=('arial',16,'bold'),textvariable=xplaneidli,width=6,justify='right').grid(ro w=12,column=1) lbldess=Label(f2top,font=("ariel",18,"bold"),text="\tSOUPS") lbldess.grid(row=0, column=0) PlainDosa=Checkbutton(f2top,text="EightTreasureSoup\t\t□100",variable=x12,onv alue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=1,column=0,sticky=W) txtPlainDosa=Entry(f2top,font=('arial',16,'bold'),textvariable=xPlainDosa,width=6,ju stify='right').grid(row=1,column=1) MasalaDosa=Checkbutton(f2top,text="HotAndSour\t\t\t□100",variable=x13,onvalu e=1,offvalue=0,font=("ariel",18,"bold")).grid(row=2,column=0,sticky=W) txtMasalaDosa=Entry(f2top,font=('arial',16,'bold'),textvariable=xMasalaDosa,width=

 $RavaDosa=Checkbutton(f2top,text="SweetCorn\t\t\t\label{locality} I00",variable=x14,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=3,column=0,sticky=W)$ 

6, justify='right').grid(row=2, column=1)

txtRavaDosa=Entry(f2top,font=('arial',16,'bold'),textvariable=xRavaDosa,width=6,jus tify='right').grid(row=3,column=1)

RavaMasalaDosa=Checkbutton(f2top,text="LemonCoriender\t\t\t\100",variable=x 15,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=4,column=0,sticky=W)

txtRavaMasalaDosa=Entry(f2top,font=('arial',16,'bold'),textvariable=xRavaMasalaDosa,width=6,justify='right').grid(row=4,column=1)

SoojiMasalaDosa=Checkbutton(f2top,text="TomatoeSoup\t\t\100",variable=x16, onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=5,column=0,sticky=W)

txtSoojiMasalaDosa=Entry(f2top,font=('arial',16,'bold'),textvariable=xSoojiMasalaDosa,width=6,justify='right').grid(row=5,column=1)

lbldess=Label(f3top,font=("ariel",18,"bold"),text="Noodles&RICE")

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

cok=Checkbutton(f3top,text="PhadThai\t\t□40",variable=x17,onvalue=1,offvalue=0 font=("ariel",18,"bold")).grid(row=1,column=0,sticky=W)

txtcok=Entry(f3top,font=('arial',16,'bold'),textvariable=xcok,width=6,justify='right').g rid(row=1,column=1)

moj=Checkbutton(f3top,text="StirFried\t\t\120",variable=x18,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=2,column=0,sticky=W)

txtmoj=Entry(f3top,font=('arial',16,'bold'),textvariable=xmoj,width=6,justify='right').g rid(row=2,column=1)

bm=Checkbutton(f3top,text="YakiUdon\t\t\\130",variable=x19,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=3,column=0,sticky=W)

txtbm=Entry(f3top,font=('arial',16,'bold'),textvariable=xbm,width=6,justify='right').gr id(row=3,column=1)

txtspt=Entry(f3top,font=('arial',16,'bold'),textvariable=xspt,width=6,justify='right').gr id(row=4,column=1)

```
lir=Checkbutton(f3top,text="CornFriedRice\t\t\square 200",variable=x21,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row=5,column=0,sticky=W)\\ txtlir=Entry(f3top,font=('arial',16,'bold'),textvariable=xlir,width=6,justify='right').grid(row=5,column=1)
```

fan=Checkbutton(f3top,text="Nasi

Goreng\t\t $\square$ 30",variable=x22,onvalue=1,offvalue=0,font=("ariel",18,"bold")).grid(row =6,column=0,sticky=W)

txtfan=Entry(f3top,font=('arial',16,'bold'),textvariable=xfan,width=6,justify='right').gr id(row=6,column=1)

#=======FrameButton========#

lb1PaymentMethod = Label(f2btm , font=('arial',14, 'bold'), text="Payment Method", bd=10, width= 16, anchor='w')

lb1PaymentMethod.grid(row=0,column=0)

 $cmbPaymentMethod = ttk.Combobox(f2btm\ ,\ textvariable = x23,\ state='readonly',\ font=('arial',10,\ 'bold'),\ width=\ 20)$ 

cmbPaymentMethod['value']=('Cash','Master Card','Visa Card','Debit Card' cmbPaymentMethod.current(0)

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

lb1SubTotal = Label(f2btm , font=('arial',14, 'bold'),text="SubTotal ", bd=10,
anchor='w').grid(row=1 , column=1)

txtSubTotal =

Entry(f2btm,font=('arial',16,'bold'),textvariable=xSubTotal,width=6,justify='right').grid(row=1,column=2)

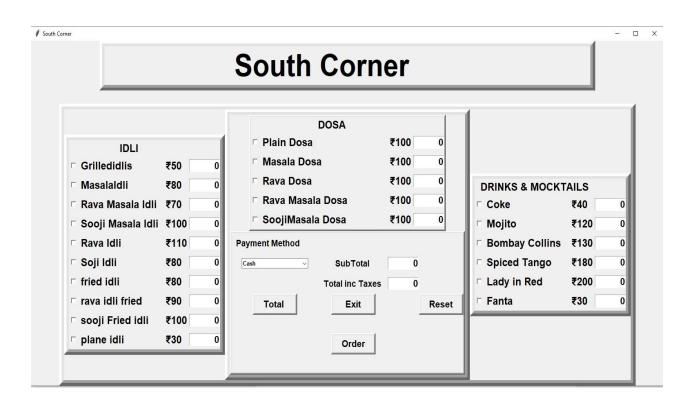
lb1Total = Label(f2btm, font=('arial',14, 'bold'),text="Total inc Taxes ", bd=10, anchor='w').grid(row = 3, column = 1)

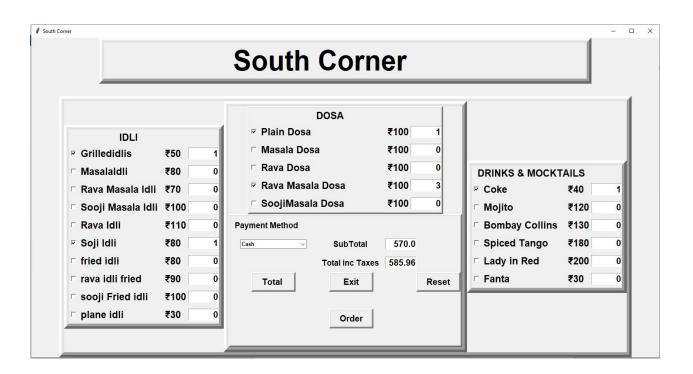
txtTotal=Entry(f2btm,font=('arial',16,'bold'),textvariable=xTotal,width=6,justify='right').grid(row=3,column=2)

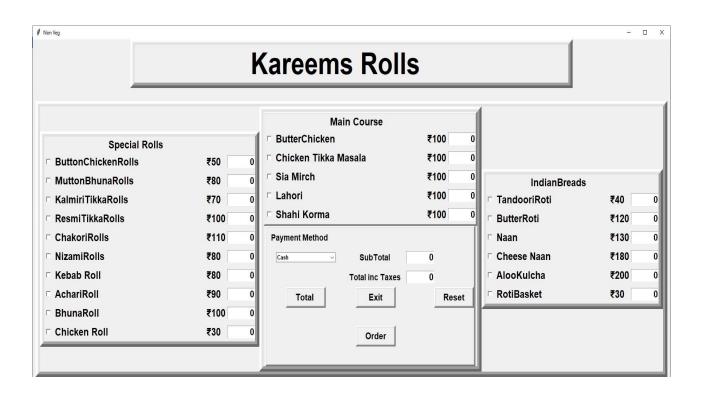
```
#======FrameButton=========#
def order():
  if messagebox.showinfo("South Corner", "Thank you for ordering "):
     root.destroy()
def exit():
      if messagebox.askyesno("South Corner","ARE u sure u want to exit ")==
True:
root.destroy()
     else:
      return()
def Reset ():
  xGrilledidlis.set("0")
  xMasalaIdli.set("0")
  xRavaMasalaIdli.set("0")
  xSoojiMasalaIdli.set("0")
  xRavaIdli.set("0")
  xSojiIdli.set("0")
  xfriedidli.set("0")
 xravaidlifried.set("0")
 xsoojiFriedidli.set("0")
 xplaneidli.set("0")
 xRavaMasalaDosa.set("0")
  xMasalaDosa.set("0")
  xPlainDosa.set("0")
  xRavaDosa.set("0")
  xSoojiMasalaDosa.set("0")
  xmoj.set("0")
  xlir.set("0")
  xspt.set("0")
  xbm.set("0")
```

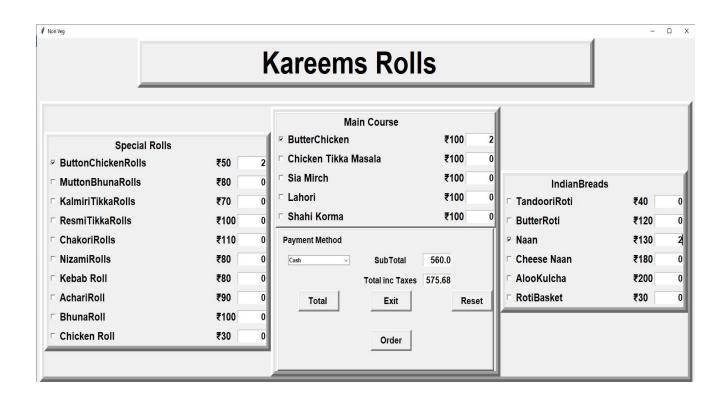
```
xcok.set("0")
  xfan.set("0")
  xChange.set("0")
  xSubTotal.set("0")
  xTotal.set("0")
def costofmeal():
     meal1 = float(xGrilledidlis.get())
     meal2 = float(xMasalaIdli.get())
     meal3 = float(xRavaMasalaIdli.get())
     meal4 = float(xSoojiMasalaIdli.get())
     meal5 = float(xRavaIdli.get())
     meal6 = float(xSojiIdli.get())
     meal7 = float(xfriedidli.get())
     meal8 = float(xravaidlifried.get())
     meal9 = float(xsoojiFriedidli.get())
     meal10 = float(xplaneidli.get())
     meal11 = float(xRavaMasalaDosa.get())
     meal12 = float(xMasalaDosa.get())
     meal13 = float(xPlainDosa.get())
     meal14 = float(xRavaDosa.get())
     meal15 = float(xSoojiMasalaDosa.get())
     meal16 = float(xmoj.get())
     meal17 = float(xlir.get())
     meal18 = float(xspt.get())
     meal19 = float(xbm.get())
     meal20 = float(xcok.get())
     meal21 = float(xfan.get())
     iTotal1 =((meal1 * 50)+ (meal2 * 80) +(meal3 * 70) +(meal4 * 100))
     iTotal2 =((meal5 * 110)+ (meal6 * 80) +(meal7 * 80) +(meal8 * 90))
```

```
iTotal3 =((meal9 * 100)+ (meal10 * 30) +(meal11 * 100) +(meal12 * 100))
     iTotal4 =((meal13 * 100)+ (meal14 * 100) +(meal15 * 100) +(meal16 * 120))
     iTotal5 =((meal17 * 200)+ (meal18 * 180) +(meal19 * 130) +(meal20 * 40))
     iTotal6 = ((meal21 * 30))
     iCost = (iTotal1 + iTotal2 + iTotal3 + iTotal4 + iTotal5 + iTotal6)
     iTax = (iCost * 2.8)/100
     xSubTotal.set(iCost)
     xTotal.set(iCost + iTax)
     cv_1=xTotal.get()
     cv_2=xSubTotal.get()
     with open("chinabill.csv",mode="a") as f:
       w=csv.writer(f,delimiter=',',quotechar='"',quoting=csv.QUOTE_ALL)
       w.writerow([cv_1,cv_2])
btnTotal=Button(f2btm,padx=16,pady=1, bd=4, fg="black",font=('arial', 16,'bold'),
width=5, text="Total",command= costofmeal).grid(row=4, column=0)
btnReset=Button(f2btm,padx=16,pady=1, bd=4, fg="black",font=('arial', 16,'bold'),
width=5, text="Reset",command= Reset).grid(row=4, column=3)
btnExit=Button(f2btm,padx=16,pady=1, bd=4, fg="black",font=('arial', 16,'bold'),
width=5, text="Exit",command=exit).grid(row=4, column=1)
btnorder=Button(f2btm,padx=16,pady=1, bd=4, fg="black",font=('arial', 16,'bold'),
width=5, text="Order",command=order).grid(row=5, column=1)
lblspace=Label( f2btm, text="\n\n\n\n\n\n\n\")
lblspace.grid(row = 5, column=0)
root.mainloop()
```



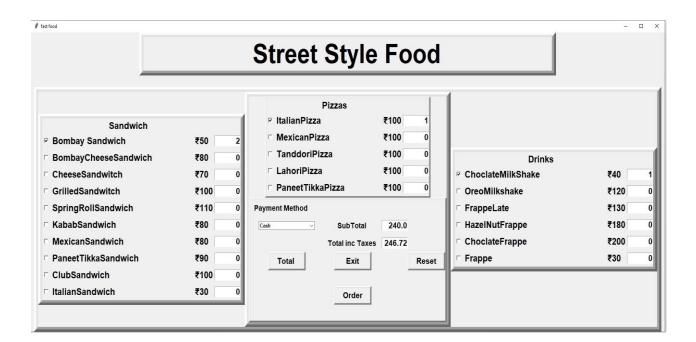






#### Street style food





Reference: w3 School.com

Limitations: 1.Only cash payment is available

2. All restaurant file contains same defined variables, all restaurants has the same price.