



Great Food Restaurant



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XII - B



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BONAFIDE CERTIFICATE

Certified to be the bonafide project work in Computer
Science done by **M. Aishwarya** of class XII during the year
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Register no :

Signature of the Principal

School Seal

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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SYNOPSIS

Managing multiple tasks at a time has become an agitating challenge for the workers in the restaurant these days. For every order, the waiter has to write down on a paper and prioritize it according to the time and quantity and then pass it which takes a lot of time.

Thus, the abstract of "Great Food Restaurant" project is developed to reduce the manual work load of the workers by providing automated billing operation.

Thus it greatly reduces the time and improves the overall efficiency of the restaurant.

The project is also designed to view the total number of sales encountered in a day.

Furthermore, it allows the user to aspect the quantity of food items sold in a day with the help of a pictorial representation by means of bar graph.

The Great Food Restaurant offers delicious food and satisfactory experience for the customers. Therefore it becomes necessary to have the reports of the restaurants to ensure its smooth functioning with the help of data and visual representation.

SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS

PYTHON :

1. 2GB RAM
2. 2GB Hard Disk Space

MYSQL :

1. 2GB RAM
2. 2GB Hard Disk Space

SOFTWARE REQUIREMENTS

- It requires Python 3.8 64-bit and MySQL 8.0.
- Any operating system- Windows or MAC OS or Linux.



- It requires all basic modules to be installed (like tkinter, datetime, pillow, os, random, sqlite3, ImageTk, matplotlib.pyplot).
- The above modules can be installed by using pip install in the command prompt or in the power shell.

OVERVIEW OF PYTHON

Python is a high-level, interpreted, interactive and object-oriented scripting language. Python is designed to be highly readable.

It uses English keywords frequently whereas other languages use punctuation, and it has fewer syntactical constructions than other languages.

Python was developed by Guido van Rossum in the year 1991.

Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small and large scale objects.

Python is used to create web and desktop applications, and some of the most popular web applications like Instagram, YouTube, Spotify all have been developed in Python.

You can also develop the next big thing by using Python use of significant indentation.

It can be used as a scripting language or can be compiled to byte-code for building large programs.

Hence, Python is a very versatile programming language that can be used across a variety of different fields.

OVERVIEW OF MYSQL

MySQL is a fast, easy-to-use Relational Database Management System (RDBMS). It is used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

MySQL is presently developed, distributed, and supported by Oracle Corporation MySQL is open-source software that doesn't require any payment from users. It uses a standard form of the well-known SQL data language.

MySQL works very quickly and works well even with large data sets. MySQL operates using a client-server architecture in which the server runs on the machine containing the databases and clients connect to the server over a network.

MySQL is a multi-user database management system, so several users can access the database simultaneously. It is highly secure because it has a password system that is secure which enables host-based verification.

It also allows communication with MySQL database using the python programming language.

MODULES USED

1.tkinter :

Tkinter is Python's de-facto standard GUI (Graphical User Interface) package. It is a thin object-oriented layer on top of Tcl/Tk. Tkinter is one of the GuiProgramming toolkit for Python. It is the most commonly used one. It has been used to create the GUI interface for the project.

2. ImageTk :

The ImageTk module contains support to create and modify Tkinter BitmapImage and PhotoImage objects from PIL images. It has been used in this project to import image files into the program.

3. random :

It is used to generate random numbers in python. In this project it has been used to shuffle and display the entered words to be guessed in a random order.

4. os :

The OS module in python provides functions for interacting with the operating system. OS,comes under Python's standard utility modules. This module provides a portable way of using operating system

dependent functionality.

5. PIL :

PIL (Python Image Processing) is one of the important modules for image processing in python.

6. datetime :

Datetime module supplies classes to work with date and time. These classes provide a number of functions to deal with dates, times and time intervals.

7. sqlite3 :

SQLite3 is a single file relational database bundled with most standard Python installs. SQLite is often the technology of choice for small applications, particularly those of embedded systems and devices like phones and tablets, smart appliances, and instruments.

8.time :

As the name suggests Python time module allows to work with time in Python. It allows functionality like getting the current time, pausing the Program from executing, etc. So before starting with this module we need to import it.

9. Matplotlib :

Matplotlib is an amazing visualization library in Python for 2D plots of arrays. One of the greatest benefits of visualization is that it allows us visual access to huge amounts of data in easily digestible visuals. Matplotlib consists of several plots like line, bar, scatter, histogram etc.

SOURCE CODE

mainwindow.py :

```
import tkinter
from PIL import ImageTk,Image
from tkinter import *
import os

#creation of GUI window
root=tkinter.Tk()
root.title("Great Food Restaurant")
root.geometry("1270x690+0+0")
root.resizable(0,0)
root.iconphoto(False,ImageTk.PhotoImage(file='icon.png'))

#importing images
bgimg=ImageTk.PhotoImage(file='mainbg.jpg')
menub=ImageTk.PhotoImage(file='menubutton.jpg')
orderb=ImageTk.PhotoImage(file='orderbutton.jpg')
statsb=ImageTk.PhotoImage(file='statsbutton.jpg')
backb=ImageTk.PhotoImage(file='backbutton.jpg')

#assignning bgimage using a label
bg=tkinter.Label(root,image=bgimg)
bg.place(x=0,y=0,relwidth=1,relheight=1)

#creates the first window's widgets
def createmainwin():
    global btn1,btn2,btn3
```

```

btn1=tkinter.Button(root,image=menub,border=0,relief='solid',command=pressmenub)
btn1.place(x=625,y=300,anchor='center')
btn2=tkinter.Button(root,image=orderb,border=0,relief='solid',command=pressorderb)
btn2.place(x=625,y=400,anchor='center')
btn3=tkinter.Button(root,image=statsb,border=0,relief='solid',command=pressstatsb)
btn3.place(x=625,y=500,anchor='center')

```

#function for button pressing

```
def pressmenub():
```

```

    # os.system gives its arguement to the command prompt
    # cmd will not understand what to do if there is only the file name
    # python -u "..." => is the proper way to execute a python file
    os.system('python -u "foodmenu.py"')

```

```
def pressorderb():
```

```
    os.system('python -u "trialorder.py"')
```

```
def pressstatsb():
```

```
    os.system('python -u "stats.py"')
```

```
createmainwin()
```

```
root.mainloop()
```

order.py :

```

from tkinter import*
from PIL import ImageTk, Image
import random
import time
from tkinter import filedialog,messagebox
import sqlite3
from datetime import date

```

```

conn=sqlite3.connect("greatfoodrestaurant.db")
cursor=conn.cursor()

cursor.execute("""create table if not exists FOOD(PlainDosa int,SambarIdli int,Vegmeals
int,Springroll int,
Quicknoodles int,Hotpot int,Spaghetti int,Pasta int, Pizza int, Poori int, Fdate date);""")
cursor.execute("""create table if not exists DESSERTS(Cheesecake int,Milkshake int,Icecream
int,Chocopudding int,
Chococrumble int,Applepie int,Fudgybrownie int,Coconutkheer int,Mousse int, Doughnet int,
Ddate date);""")
cursor.execute("""create table if not exists CHATS(Panipoori int,Pavbhaji int,Kachori
int,Sevpuri int,
Alootoast int,Corn int,Bhelpuri int,Samosa int,Vegpuffs int,Dahipuri int, Cdate date);""")
cursor.execute("""create table if not exists BEVERAGES(Tea int,Coffee int,Soda int,Coke int,
Fanta int,Smoothie int,Icedtea int,Buttermilk int,Lassi int,Espresso int, Bdate date);""")
cursor.execute("""create table if not exists MAINDATA(PlainDosa int,SambarIdli int,Vegmeals
int,Springroll int,
Quicknoodles int,Hotpot int,Spaghetti int,Pasta int, Pizza int, Poori int,Cheesecake
int,Milkshake int,Icecream int,Chocopudding int,
Chococrumble int,Applepie int,Fudgybrownie int,Coconutkheer int,Mousse int, Doughnet
int,Panipoori int,Pavbhaji int,Kachori int,Sevpuri int,
Alootoast int,Corn int,Bhelpuri int,Samosa int,Vegpuffs int,Dahipuri int,Tea int,Coffee int,Soda
int,Coke int,
Fanta int,Smoothie int,Icedtea int,Buttermilk int,Lassi int,Espresso int,CostOfFood
int,CostOfDesserts int,
CostOfChats int,CostOfBeverages int,TotalCostOfOrder int,Mdate date);""")

#functions for buttons
def back():
    root.destroy()
def save():
    if receipt.get(1.0,END)=='\n':
        pass
    else:
        url=filedialog.asksaveasfile(mode='w',defaultextension='.txt')

```



```
if url==None:  
    pass  
else:  
    bill=textReceipt.get(1.0,END)  
    url.write(bill)  
    url.close()  
    messagebox.showinfo('Information','Your Bill Is Succesfully Saved !')
```

```
def reset():  
    edosa.set('0')  
    eidli.set('0')  
    emeals.set('0')  
    epoori.set('0')  
    eroll.set('0')  
    enoodles.set('0')  
    ehotpot.set('0')  
    espa.set('0')  
    epasta.set('0')  
    epizza.set('0')  
    ecake.set('0')  
    eshake.set('0')  
    eice.set('0')  
    epudd.set('0')  
    ecrumble.set('0')  
    epie.set('0')  
    ebrownie.set('0')  
    ekheer.set('0')  
    emousse.set('0')  
    enut.set('0')  
    epani.set('0')
```

epav.set('0')
ekach.set('0')
esev.set('0')
ealoo.set('0')
ecorn.set('0')
ebhel.set('0')
esamosa.set('0')
epuff.set('0')
edahi.set('0')
etea.set('0')
ecoffee.set('0')
esoda.set('0')
ecoke.set('0')
efanta.set('0')
esmoothie.set('0')
eiced.set('0')
ebutter.set('0')
elassi.set('0')
eespresso.set('0')
txtdosa.config(state=DISABLED)
txtidli.config(state=DISABLED)
txtmeals.config(state=DISABLED)
txtnoodles.config(state=DISABLED)
txtroll.config(state=DISABLED)
txthotpot.config(state=DISABLED)
txtspa.config(state=DISABLED)
txtpasta.config(state=DISABLED)
txtpizza.config(state=DISABLED)
txtpoori.config(state=DISABLED)
txtcake.config(state=DISABLED)
txtshake.config(state=DISABLED)

txtice.config(state=DISABLED)
txtpudd.config(state=DISABLED)
txtcrumble.config(state=DISABLED)
txtpie.config(state=DISABLED)
txtbrownie.config(state=DISABLED)
txtkheer.config(state=DISABLED)
txtmousse.config(state=DISABLED)
txtnut.config(state=DISABLED)
txtpani.config(state=DISABLED)
txtpav.config(state=DISABLED)
txtkach.config(state=DISABLED)
txtsev.config(state=DISABLED)
txtaloo.config(state=DISABLED)
txtcorn.config(state=DISABLED)
txtbhel.config(state=DISABLED)
txtsamosa.config(state=DISABLED)
txtpuff.config(state=DISABLED)
txtdahi.config(state=DISABLED)
txttea.config(state=DISABLED)
txtcoffee.config(state=DISABLED)
txtsoda.config(state=DISABLED)
txtcoke.config(state=DISABLED)
txtfanta.config(state=DISABLED)
txtsmoothie.config(state=DISABLED)
txticed.config(state=DISABLED)
txtbutter.config(state=DISABLED)
txtlassi.config(state=DISABLED)
txtespresso.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)
var28.set(0)
var29.set(0)
var30.set(0)
var31.set(0)
var32.set(0)
var33.set(0)
var34.set(0)

```

var35.set(0)
var36.set(0)
var37.set(0)
var38.set(0)
var39.set(0)
var40.set(0)
var41.set(0)
costoffood.set("")
costofdesserts.set("")
costofchats.set("")
costofbeverages.set("")
subtot.set("")
servicecharge.set("")
total.set("")

```

```

def receipt()
    receipt.delete(1.0,END)
    x=random.randint(100,10000)
    billnumber='BILL'+str(x)
    date=time.strftime('%d/%m/%Y')
    receipt.insert(END,'Receipt Ref:\t\t'+billnumber+'\t\t'+date+'\n')
    receipt.insert(END,'-----\n')
    receipt.insert(END,'Items:\t\t Cost Of Items(Rs.)\n')
    receipt.insert(END,'-----\n')
    if edosa.get()!='0':
        receipt.insert(END,f'Dosa\t\t\t{int(edosa.get())*70}\n\n')
    if eidli.get()!='0':
        receipt.insert(END,f'Idli\t\t\t{int(eidli.get())*60}\n\n')
    if emeals.get()!='0':
        receipt.insert(END,f'Veg Meals\t\t\t{int(emeals.get())*100}\n\n')
    if eroll.get()!='0':

```

```

        receipt.insert(END,f'Spring Roll\t\t\t{int(eroll.get())*80}\n\n')
if enoodles.get()!='0':
        receipt.insert(END,f'Quick Noodles\t\t\t{int(enoodles.get())*120}\n\n')
if ehotpot.get()!='0':
        receipt.insert(END,f'Hot Pot\t\t\t{int(ehotpot.get())*200}\n\n')
if espa.get()!='0':
        receipt.insert(END,f'Spaghetti\t\t\t{int(espa.get())*150}\n\n')
if epasta.get()!='0':
        receipt.insert(END,f'Pasta\t\t\t{int(epasta.get())*110}\n\n')
if epizza.get()!='0':
        receipt.insert(END,f'Pizza\t\t\t{int(epizza.get())*200}\n\n')
if epoori.get()!='0':
        receipt.insert(END,f'Poori\t\t\t{int(epoori.get())*65}\n\n')
if ecake.get()!='0':
        receipt.insert(END,f'Cheesecake\t\t\t{int(ecake.get())*80}\n\n')
if eshake.get()!='0':
        receipt.insert(END,f'MilkShake\t\t\t{int(eshake.get())*90}\n\n')
if eice.get()!='0':
        receipt.insert(END,f'Ice Cream\t\t\t{int(eice.get())*50}\n\n')
if epudd.get()!='0':
        receipt.insert(END,f'Choco Pudding\t\t\t{int(epudd.get())*130}\n\n')
if ecrumble.get()!='0':
        receipt.insert(END,f'Choc Crumble\t\t\t{int(ecrumble.get())*190}\n\n')
if epie.get()!='0':
        receipt.insert(END,f'Apple Pie\t\t\t{int(epie.get())*160}\n\n')
if ebrownie.get()!='0':
        receipt.insert(END,f'Fudgy Brownie\t\t\t{int(ebrownie.get())*70}\n\n')
if ekheer.get()!='0':
        receipt.insert(END,f'Coconut Kheer\t\t\t{int(ekheer.get())*40}\n\n')
if emousse.get()!='0':
        receipt.insert(END,f'Mousse\t\t\t{int(emousse.get())*80}\n\n')

```

```

if enut.get()!='0':
    receipt.insert(END,f'Doughnut\t\t\t{int(enut.get())*200}\n\n')
if epani.get()!='0':
    receipt.insert(END,f'PaniPuri\t\t\t{int(epani.get())*20}\n\n')
if epav.get()!='0':
    receipt.insert(END,f'Pav Bhaji\t\t\t{int(epav.get())*60}\n\n')
if ekach.get()!='0':
    receipt.insert(END,f'Kachori\t\t\t{int(ekach.get())*70}\n\n')
if esev.get()!='0':
    receipt.insert(END,f'Sev Puri\t\t\t{int(esev.get())*50}\n\n')
if ealoo.get()!='0':
    receipt.insert(END,f'Aloo Toast\t\t\t{int(ealoo.get())*70}\n\n')
if ecorn.get()!='0':
    receipt.insert(END,f'Corn\t\t\t{int(ecorn.get())*40}\n\n')
if ebhel.get()!='0':
    receipt.insert(END,f'Bhel Puri\t\t\t{int(ebhel.get())*60}\n\n')
if esamosa.get()!='0':
    receipt.insert(END,f'Samosa\t\t\t{int(esamosa.get())*30}\n\n')
if epuff.get()!='0':
    receipt.insert(END,f'Veg Puffs\t\t\t{int(epuff.get())*50}\n\n')
if edahi.get()!='0':
    receipt.insert(END,f'Dahi Puri\t\t\t{int(edahi.get())*80}\n\n')
if etea.get()!='0':
    receipt.insert(END,f'Tea\t\t\t{int(etea.get())*40}\n\n')
if ecoffee.get()!='0':
    receipt.insert(END,f'Coffee\t\t\t{int(ecoffee.get())*50}\n\n')
if esoda.get()!='0':
    receipt.insert(END,f'Soda\t\t\t{int(esoda.get())*50}\n\n')
if ecoke.get()!='0':
    receipt.insert(END,f'Coke\t\t\t{int(ecoke.get())*60}\n\n')
if efanta.get()!='0':

```



```

        receipt.insert(END,f'Fanta\t\t\t{int(efanta.get())*30}\n\n')
if esmoothie.get()!='0':
        receipt.insert(END,f'Smoothie\t\t\t{int(esmoothie.get())*140}\n\n')
if eiced.get()!='0':
        receipt.insert(END,f'Iced Tea\t\t\t{int(eiced.get())*100}\n\n')
if ebutter.get()!='0':
        receipt.insert(END,f'ButterMilk\t\t\t{int(ebutter.get())*70}\n\n')
if elassi.get()!='0':
        receipt.insert(END,f'Lassi\t\t\t{int(elassi.get())*20}\n\n')
if eespresso.get()!='0':
        receipt.insert(END,f'Espresso\t\t\t{int(eespresso.get())*180}\n\n')

receipt.insert(END,'-----\n')

if costoffood.get()!='Rs. 0':
        receipt.insert(END,f'Cost Of Food\t\t\t{costoffood.get()}\n\n')

if costofdesserts.get() != 'Rs. 0':
        receipt.insert(END,f'Cost Of Desserts\t\t\t{costofdesserts.get()}\n\n')

if costofchats.get() != 'Rs. 0 ':
        receipt.insert(END,f'Cost Of Chats\t\t\t{costofchats.get()}\n\n')

if costofbeverages.get() != 'Rs. 0 ':
        receipt.insert(END,f'Cost Of Beverages\t\t\t{costofbeverages.get()}\n\n')

receipt.insert(END, f'Sub Total\t\t\t{subtot.get()}\n\n')
receipt.insert(END, f'Service Charge\t\t\t{servicecharge.get()}\n\n')
receipt.insert(END, f'Total Cost\t\t\t{total.get()}\n\n')
receipt.insert(END,'-----\n')

```

```

def totcost():
    global priceoffood,costoffood,priceofdessertss,priceofchats,priceofbeverages,subtot
    global i1,i2,i3,i4,i5,i6,i7,i8,i9,i10
    global i11,i12,i13,i14,i15,i16,i17,i18,i19,i20
    global i21,i22,i23,i24,i25,i26,i27,i28,i29,i30
    global i31,i32,i33,i34,i35,i36,i37,i38,i39,i40
    global datesql
    global priceoffood,priceofchats,priceofbeverages,priceofdesserts,isubtot,itotal

    i1=int(edosa.get())
    i2=int(eidli.get())
    i3=int(emeals.get())
    i4=int(eroll.get())
    i5=int(enoodles.get())
    i6=int(ehotpot.get())
    i7=int(espa.get())
    i8=int(epasta.get())
    i9=int(epizza.get())
    i10=int(epoori.get())

    i11=int(ecake.get())
    i12=int(eshake.get())
    i13=int(eice.get())
    i14=int(epudd.get())
    i15=int(ecrumble.get())
    i16=int(epie.get())
    i17=int(ebrownie.get())
    i18=int(ekheer.get())
    i19=int(emousse.get())
    i20=int(enut.get())
    i21=int(epani.get())

```

```
i22=int(epav.get())
i23=int(ekach.get())
i24=int(esev.get())
i25=int(ealoo.get())
i26=int(ecorn.get())
i27=int(ebhel.get())
i28=int(esamosa.get())
i29=int(epuff.get())
i30=int(edahi.get())
```

```
i31=int(etea.get())
i32=int(ecoffee.get())
i33=int(esoda.get())
i34=int(ecoke.get())
i35=int(efanta.get())
i36=int(esmoothie.get())
i37=int(eiced.get())
i38=int(ebutter.get())
i39=int(elassi.get())
i40=int(eespresso.get())
```

```
priceoffood=(i1*70)+(i2*60)+(i3*100)+(i4*80)+(i5*120)+(i6*200)+(i7*150)\
+(i8*110)+(i9*200)+(i10*65)
```

```
priceofdesserts=(i11*80)+(i12*90)+(i13*50)+(i14*130)+(i15*190)+(i16*160)\
+(i17*70)+(i18*40)+(i19*80)+(i20*200)
```

```
priceofchats=(i21*20)+(i22*60)+(i23*70)+(i24*50)+(i25*70)+(i26*40)+(i27*60)\
+(i28*30)+(i29*50)+(i30*80)
```

```
priceofbeverages=(i31*40)+(i32*50)+(i33*50)+(i34*60)+(i35*30)+(i36*140)+(i37*
100)\
+(i38*70)+(i39*20)+(i40*180)
```

```
costoffood.set('Rs.'+str(priceoffood))
```

```
costofdesserts.set( ' Rs.'+str(priceofdesserts))
costofchats.set( ' Rs.'+str(priceofchats))
costofbeverages.set( ' Rs.'+str(priceofbeverages))
```

```
isubtot=priceoffood+priceofdesserts+priceofchats+ priceofbeverages
subtot.set('Rs.'+str(isubtot))
```

```
servicecharge.set('Rs.'+ str(int(isubtot*10/100)))
```

```
itotal=isubtot+int((isubtot*10/100))
total.set('Rs.'+str(itotal))
```

```
#date to be entered in sql
datesql=str(date.today())
```

```
#sql query inserting data
```

```
cursor.execute("""insert into
FOOD(PlainDosa,SambarIdli,Vegmeals,Springroll,Quicknoodles,Hotpot,
Spaghetti,Pasta, Pizza, Poori, Fdate)
values({}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {});""".format(i1,i2,i3,i4,i5,i6,i7,i8,i9,i10,datesql))
```

```
cursor.execute("""insert into
DESSERTS(Cheesecake,Milkshake,Icecream,Chocopudding,Chococrumble,Applepie,Fudgybro
wnie,Coconutkheer,
Mousse, Doughnet, Ddate)
values({}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {});""".format(i11,i12,i13,i14,i15,i16,i17,i18,i19,i20,datesql))
```

```
cursor.execute("""insert into
CHATS(Panipoori,Pavbhaji,Kachori,Sevpuri,Alootoast,Corn,Bhelpuri,Samosa,
Vegpuffs,Dahipuri,Cdate)
values({}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {});""".format(i21,i22,i23,i24,i25,i26,i27,i28,i29,i30,datesql))
```

```
cursor.execute("""insert into
BEVERAGES(Tea,Coffee,Soda,Coke,Fanta,Smoothie,Icedtea,Buttermilk,Lassi,Espresso,Bdate)
values({}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {});""".format(i31,i32,i33,i34,i35,i36,i37,i38,i39,i40,datesql))
```



```
txtmeals.config(state=NORMAL)
```

```
txtmeals.delete(0,END)
```

```
txtmeals.focus()
```

```
else:
```

```
txtmeals.config(state=DISABLED)
```

```
emeals.set('0')
```

```
def poori():
```

```
    if var38.get() == 1:
```

```
        txtpoori.config(state=NORMAL)
```

```
        txtpoori.focus()
```

```
        txtpoori.delete(0, END)
```

```
    elif var38.get() == 0:
```

```
        txtpoori.config(state=DISABLED)
```

```
        epoori.set('0')
```

```
def roll():
```

```
    if var4.get() == 1:
```

```
        txtroll.config(state=NORMAL)
```

```
        txtroll.focus()
```

```
        txtroll.delete(0, END)
```

```
    elif var4.get() == 0:
```

```
        txtroll.config(state=DISABLED)
```

```
        eroll.set('0')
```

```
def nood():
```

```
    if var5.get() == 1:
```

```
        txtnoodles.config(state=NORMAL)
```

```
        txtnoodles.focus()
```

```
        txtnoodles.delete(0, END)
```

```
    elif var5.get() == 0:
```

```
txtnoodles.config(state=DISABLED)
enoodles.set('0')
```

```
def hotpot():
```

```
    if var6.get() == 1:
        txthotpot.config(state=NORMAL)
        txthotpot.focus()
        txthotpot.delete(0, END)
    elif var6.get() == 0:
        txthotpot.config(state=DISABLED)
        ehotpot.set('0')
```

```
def spag():
```

```
    if var7.get() == 1:
        txtspa.config(state=NORMAL)
        txtspa.focus()
        txtspa.delete(0, END)
    elif var7.get() == 0:
        txtspa.config(state=DISABLED)
        espa.set('0')
```

```
def pasta():
```

```
    if var8.get() == 1:
        txtpasta.config(state=NORMAL)
        txtpasta.focus()
        txtpasta.delete(0, END)
    elif var8.get() == 0:
        txtpasta.config(state=DISABLED)
        epasta.set('0')
```

```
def pizza():
```



```
if var9.get() == 1:
    txtpizza.config(state=NORMAL)
    txtpizza.focus()
    txtpizza.delete(0, END)
elif var9.get() == 0:
    txtpizza.config(state=DISABLED)
    epizza.set('0')

def cake():
    if var10.get() == 1:
        txtcake.config(state=NORMAL)
        txtcake.focus()
        txtcake.delete(0, END)
    elif var10.get() == 0:
        txtcake.config(state=DISABLED)
        ecake.set('0')

def milksh():
    if var11.get() == 1:
        txtshake.config(state=NORMAL)
        txtshake.focus()
        txtshake.delete(0, END)
    elif var11.get() == 0:
        txtshake.config(state=DISABLED)
        eshake.set('0')

def ice():
    if var12.get() == 1:
        txtice.config(state=NORMAL)
        txtice.focus()
        txtice.delete(0, END)
```

```
elif var12.get() == 0:  
    txtice.config(state=DISABLED)  
    eice.set('0')
```

```
def pudd():  
    if var13.get() == 1:  
        txtpudd.config(state=NORMAL)  
        txtpudd.focus()  
        txtpudd.delete(0, END)  
    elif var13.get() == 0:  
        txtpudd.config(state=DISABLED)  
        epudd.set('0')
```

```
def ccrumble():  
    if var14.get() == 1:  
        txtcrumble.config(state=NORMAL)  
        txtcrumble.focus()  
        txtcrumble.delete(0, END)  
    elif var14.get() == 0:  
        txtcrumble.config(state=DISABLED)  
        ecrumble.set('0')
```

```
def pie():  
    if var15.get() == 1:  
        txtpie.config(state=NORMAL)  
        txtpie.focus()  
        txtpie.delete(0, END)  
    elif var15.get() == 0:  
        txtpie.config(state=DISABLED)  
        epie.set('0')
```

```
def brownie():
    if var16.get() == 1:
        txtbrownie.config(state=NORMAL)
        txtbrownie.focus()
        txtbrownie.delete(0, END)
    elif var16.get() == 0:
        txtbrownie.config(state=DISABLED)
        ebrownie.set('0')
```

```
def kheer():
    if var17.get() == 1:
        txtkheer.config(state=NORMAL)
        txtkheer.focus()
        txtkheer.delete(0, END)
    elif var17.get() == 0:
        txtkheer.config(state=DISABLED)
        ekheer.set('0')
```

```
def mousse():
    if var18.get() == 1:
        txtmousse.config(state=NORMAL)
        txtmousse.focus()
        txtmousse.delete(0, END)
    elif var18.get() == 0:
        txtmousse.config(state=DISABLED)
        emousse.set('0')
```

```
def nut():
    if var39.get() == 1:
        txtnut.config(state=NORMAL)
        txtnut.focus()
```

```

    txtnut.delete(0, END)
elif var39.get() == 0:
    txtnut.config(state=DISABLED)
    enut.set('0')

def pani():
    if var19.get() == 1:
        txtpani.config(state=NORMAL)
        txtpani.focus()
        txtpani.delete(0, END)
    elif var19.get() == 0:
        txtpani.config(state=DISABLED)
        epani.set('0')

def pav():
    if var20.get() == 1:
        txtpav.config(state=NORMAL)
        txtpav.focus()
        txtpav.delete(0, END)
    elif var20.get() == 0:
        txtpav.config(state=DISABLED)
        epav.set('0')

def kach():
    if var21.get() == 1:
        txtkach.config(state=NORMAL)
        txtkach.focus()
        txtkach.delete(0, END)
    elif var21.get() == 0:
        txtkach.config(state=DISABLED)
        ekach.set('0')

```

```
def sev():
    if var22.get() == 1:
        txtsev.config(state=NORMAL)
        txtsev.focus()
        txtsev.delete(0, END)
    elif var22.get() == 0:
        txtsev.config(state=DISABLED)
        esev.set('0')
```

```
def aloo():
    if var23.get() == 1:
        txtaloo.config(state=NORMAL)
        txtaloo.focus()
        txtaloo.delete(0, END)
    elif var23.get() == 0:
        txtaloo.config(state=DISABLED)
        ealoo.set('0')
```

```
def corn():
    if var24.get() == 1:
        txtcorn.config(state=NORMAL)
        txtcorn.focus()
        txtcorn.delete(0, END)
    elif var24.get() == 0:
        txtcorn.config(state=DISABLED)
        ecorn.set('0')
```

```
def bhel():
    if var25.get() == 1:
        txtbhel.config(state=NORMAL)
        txtbhel.focus()
```

```

        txtbhel.delete(0, END)
elif var25.get() == 0:
    txtbhel.config(state=DISABLED)
    ebhel.set('0')

def samosa():
    if var26.get() == 1:
        txtsamosa.config(state=NORMAL)
        txtsamosa.focus()
        txtsamosa.delete(0, END)
    elif var26.get() == 0:
        txtsamosa.config(state=DISABLED)
        esamosa.set('0')

def puff():
    if var27.get() == 1:
        txtpuff.config(state=NORMAL)
        txtpuff.focus()
        txtpuff.delete(0, END)
    elif var27.get() == 0:
        txtpuff.config(state=DISABLED)
        epuff.set('0')

def dahi():
    if var40.get() == 1:
        txtdahi.config(state=NORMAL)
        txtdahi.focus()
        txtdahi.delete(0, END)
    elif var40.get() == 0:
        txtdahi.config(state=DISABLED)
        edahi.set('0')

```

```

def tea():
    if var28.get() == 1:
        txttea.config(state=NORMAL)
        txttea.focus()
        txttea.delete(0, END)
    elif var28.get() == 0:
        txttea.config(state=DISABLED)
        etea.set('0')

def coff():
    if var29.get() == 1:
        txtcoffee.config(state=NORMAL)
        txtcoffee.focus()
        txtcoffee.delete(0, END)
    elif var29.get() == 0:
        txtcoffee.config(state=DISABLED)
        ecoffee.set('0')

def soda():
    if var30.get() == 1:
        txtsoda.config(state=NORMAL)
        txtsoda.focus()
        txtsoda.delete(0, END)
    elif var30.get() == 0:
        txtsodae.config(state=DISABLED)
        esoda.set('0')

def coke():
    if var31.get() == 1:
        txtcoke.config(state=NORMAL)
        txtcoke.focus()

```



```

    txtcoke.delete(0, END)
elif var31.get() == 0:
    txtcokee.config(state=DISABLED)
    ecoke.set('0')

def fanta():
    if var32.get() == 1:
        txtfanta.config(state=NORMAL)
        txtfanta.focus()
        txtfanta.delete(0, END)
    elif var32.get() == 0:
        txtfanta.config(state=DISABLED)
        efanta.set('0')

def smoothie():
    if var33.get() == 1:
        txtsmoothie.config(state=NORMAL)
        txtsmoothie.focus()
        txtsmoothie.delete(0, END)
    elif var33.get() == 0:
        txtsmoothie.config(state=DISABLED)
        esmoothie.set('0')

def iced():
    if var34.get() == 1:
        txticed.config(state=NORMAL)
        txticed.focus()
        txticed.delete(0, END)
    elif var34.get() == 0:
        txticed.config(state=DISABLED)
        eiced.set('0')

```

```
def milk():
    if var35.get() == 1:
        txtbutter.config(state=NORMAL)
        txtbutter.focus()
        txtbutter.delete(0, END)
    elif var35.get() == 0:
        txtbutter.config(state=DISABLED)
        ebutter.set('0')

def lassi():
    if var36.get() == 1:
        txtlassi.config(state=NORMAL)
        txtlassi.focus()
        txtlassi.delete(0, END)
    elif var36.get() == 0:
        txtlassi.config(state=DISABLED)
        elassi.set('0')

def espresso():
    if var41.get() == 1:
        txtespresso.config(state=NORMAL)
        txtespresso.focus()
        txtespresso.delete(0, END)
    elif var41.get() == 0:
        txtespresso.config(state=DISABLED)
        eespresso.set('0')

root=Tk()
root.geometry('1355x690+0+0')
root.resizable(0,0)
root.title('Order')
```

```

root.iconphoto(False, ImageTk.PhotoImage(file='icon.png'))
root.configure(bg="#242021")

topframe=Frame(root,bd=10,relief=SUNKEN)
topframe.pack(side=TOP)

#creating frames
menu=Frame(root,bd=10,relief=GROOVE,bg='#FBFA9E')
menu.pack(side=LEFT)

costframe=Frame(menu,bd=4,relief=GROOVE,bg='#FBFA9E')
costframe.pack(side=BOTTOM)

rightframe=Frame(root,bd=15,relief=RIDGE,bg='#FBFA9E')
rightframe.pack(side=RIGHT)

buttonframe=Frame(rightframe,bd=4,relief=RIDGE,bg='#242021')
buttonframe.pack()

recieptframe=Frame(rightframe,bd=2,relief=SUNKEN,bg='#242021')
recieptframe.pack()

price=Frame(menu,bd=4,relief=GROOVE)
price.pack(side=BOTTOM)

food=LabelFrame(menu,text='FOOD',font=('arial',20,'bold'),bd=6,relief=GROOVE,bg="#FBFA
9E",fg="#242021")
food.pack(side=LEFT)

desserts=LabelFrame(menu,text='DESSERTS',font=('arial',20,'bold'),bd=6,relief=GROOVE,bg=
"#FBFA9E",fg="#242021")
desserts.pack(side=LEFT)

```

```
chats=LabelFrame(menu,text='CHATS',font=('arial',20,'bold'),bd=6,relief=GROOVE,bg="#FBFA9E",fg="#242021")
```

```
chats.pack(side=LEFT)
```

```
beverages=LabelFrame(menu,text='BEVERAGES',font=('arial',20,'bold'),bd=6,relief=GROOVE,bg="#FBFA9E",fg="#242021")
```

```
beverages.pack(side=LEFT)
```

```
#creating variable
```

```
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()
var28=IntVar()
var29=IntVar()
var30=IntVar()
var31=IntVar()
var32=IntVar()
var33=IntVar()
var34=IntVar()
var35=IntVar()
var36=IntVar()
var37=IntVar()
var38=IntVar()
var39=IntVar()
var40=IntVar()
var41=IntVar()
edosa=StringVar()
edosa.set('0')
eidli=StringVar()
eidli.set('0')
emeals=StringVar()
emeals.set('0')
epoori=StringVar()
epoori.set('0')
eroll=StringVar()
eroll.set('0')
enoodles=StringVar()
enoodles.set('0')
```

ehotpot=StringVar()
ehotpot.set('0')
espa=StringVar()
espa.set('0')
epasta=StringVar()
epasta.set('0')
epizza=StringVar()
epizza.set('0')
ecake=StringVar()
ecake.set('0')
eshake=StringVar()
eshake.set('0')
eice=StringVar()
eice.set('0')
epudd=StringVar()
epudd.set('0')
ecrumble=StringVar()
ecrumble.set('0')
epie=StringVar()
epie.set('0')
ebrownie=StringVar()
ebrownie.set('0')
ekheer=StringVar()
ekheer.set('0')
emousse=StringVar()
emousse.set('0')
enut=StringVar()
enut.set('0')
epani=StringVar()
epani.set('0')
epav=StringVar()

epav.set('0')
ekach=StringVar()
ekach.set('0')
esev=StringVar()
esev.set('0')
ealoo=StringVar()
ealoo.set('0')
ecorn=StringVar()
ecorn.set('0')
ebhel=StringVar()
ebhel.set('0')
esamosa=StringVar()
esamosa.set('0')
epuff=StringVar()
epuff.set('0')
edahi=StringVar()
edahi.set('0')
etea=StringVar()
etea.set('0')
ecoffee=StringVar()
ecoffee.set('0')
esoda=StringVar()
esoda.set('0')
ecoke=StringVar()
ecoke.set('0')
efanta=StringVar()
efanta.set('0')
esmoothie=StringVar()
esmoothie.set('0')
eiced=StringVar()
eiced.set('0')

```

ebutter=StringVar()
ebutter.set('0')
elassi=StringVar()
elassi.set('0')
eespresso=StringVar()
eespresso.set('0')
costoffood=StringVar()
costofdesserts=StringVar()
costofchats=StringVar()
costofbeverages=StringVar()
subtot=StringVar()
servicecharge=StringVar()
total=StringVar()

#Food Menu
#Indian Food
plaindosa=Checkbutton(food,text='Plain Dosa',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var1,anchor="w",width="8",command=dosa)
plaindosa.grid(row=0,column=0)
sambaridli=Checkbutton(food,text='Sambar Idli',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var2,anchor="w",width="8",command=idli)
sambaridli.grid(row=1,column=0)
vegmeals=Checkbutton(food,text='Veg Meals',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var3,anchor="w",width="8",command=meals)
vegmeals.grid(row=2,column=0)

#Chinese Food
springroll=Checkbutton(food,text='Spring Roll',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var4,anchor="w",width="8",command=roll)
springroll.grid(row=3,column=0)
quicknoodles=Checkbutton(food,text='Quick Noodles',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var5,anchor="w",width="10",command=nood
)

```



```
quicknoodles.grid(row=4,column=0)
```

```
hotpot=Checkbutton(food,text='Hot Pot',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var6,anchor="w",width="8",command=hotpot  
)
```

```
hotpot.grid(row=5,column=0)
```

#Italian Food

```
spaghetti=Checkbutton(food,text='Spaghetti',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var7,anchor="w",width="8",command=spag)
```

```
spaghetti.grid(row=6,column=0)
```

```
pasta=Checkbutton(food,text='Pasta',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var8,anchor="w",width="8",command=pasta)
```

```
pasta.grid(row=7,column=0)
```

```
pizza=Checkbutton(food,text='Pizza',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var9,anchor="w",width="8",command=pizza)
```

```
pizza.grid(row=8,column=0)
```

```
poori=Checkbutton(food,text='Poori',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var38,anchor="w",width="8",command=poori  
)
```

```
poori.grid(row=9,column=0)
```

#Deserts

```
cheesecake=Checkbutton(desserts,text='CheeseCake',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var10,anchor="w",width="8",command=cake)
```

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

```
milkshake=Checkbutton(desserts,text='MilkShake',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var11,anchor="w",width="8",command=milks  
h)
```

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

```
icecream=Checkbutton(desserts,text='Ice Cream',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var12,anchor="w",width="8",command=ice)
```

```
icecream.grid(row=2,column=0)
```

```
chocolatepudding=Checkbutton(desserts,text='Chocolate Pudding',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var13,anchor="w",width="12",command=pud  
d)
```

```
chocolatepudding.grid(row=3,column=0)
```

```
chococrumble=Checkbox(desserts,text='Choco Crumble',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var14,anchor="w",width="10",command=ccru  
mble)
```

```
chococrumble.grid(row=4,column=0)
```

```
applepie=Checkbox(desserts,text='Apple Pie',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var15,anchor="w",width="8",command=pie)
```

```
applepie.grid(row=5,column=0)
```

```
fudgybrownies=Checkbox(desserts,text='Fudgy Brownies',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var16,anchor="w",width="10",command=bro  
wnie)
```

```
fudgybrownies.grid(row=6,column=0)
```

```
coconutkheer=Checkbox(desserts,text='Coconut Kheer',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var17,anchor="w",width="10",command=khe  
er)
```

```
coconutkheer.grid(row=7,column=0)
```

```
mousse=Checkbox(desserts,text='Mousse',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var18,anchor="w",width="10",command=mo  
usse)
```

```
mousse.grid(row=8,column=0)
```

```
doughnut=Checkbox(desserts,text='Doughnut',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var39,anchor="w",width="10",command=nut)
```

```
doughnut.grid(row=9,column=0)
```

#Chats

```
panipuri=Checkbox(chats,text='PaniPuri',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var19,anchor="w",width="8",command=pani)
```

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

```
pavbhaji=Checkbox(chats,text='Pav Bhaji',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var20,anchor="w",width="8",command=pav)
```

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

```
kachori=Checkbox(chats,text='Kachori',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var21,anchor="w",width="8",command=kach)
```

```
kachori.grid(row=2,column=0)
```

```
sevpuri=Checkbox(chats,text='Sev Puri',font=('Script MT  
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var22,anchor="w",width="8",command=sev)
```

```
sevpuri.grid(row=3,column=0)
```

```

alootoast=Checkbutton(chats,text='Aloo Toast',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var23,anchor="w",width="8",command=aloo)
alootoast.grid(row=4,column=0)

corn=Checkbutton(chats,text='Corn',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var24,anchor="w",width="8",command=corn)
corn.grid(row=5,column=0)

bhelpuri=Checkbutton(chats,text='Bhel Puri',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var25,anchor="w",width="8",command=bhel)
bhelpuri.grid(row=6,column=0)

samosa=Checkbutton(chats,text='Samosa',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var26,anchor="w",width="8",command=samo
sa)
samosa.grid(row=7,column=0)

vegpuffs=Checkbutton(chats,text='Veg Puffs',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var27,anchor="w",width="8",command=puff)
vegpuffs.grid(row=8,column=0)

dahipuri=Checkbutton(chats,text='Dahi Puri',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var40,anchor="w",width="8",command=dahi)
dahipuri.grid(row=9,column=0)


#Beverages

tea=Checkbutton(beverages,text='Tea',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var28,anchor="w",width="10",command=tea)
tea.grid(row=0,column=0)

coffee=Checkbutton(beverages,text='Coffee',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var29,anchor="w",width="10",command=coff
)
coffee.grid(row=1,column=0)

soda=Checkbutton(beverages,text='Soda',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var30,anchor="w",width="10",command=sod
a)
soda.grid(row=2,column=0)

coke=Checkbutton(beverages,text='Coke',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var31,anchor="w",width="10",command=cok
e)
coke.grid(row=3,column=0)

```

```

fanta=Checkbutton(beverages,text='Fanta',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var32,anchor="w",width="10",command=fant
a)

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

smoothie=Checkbutton(beverages,text='Smoothie',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var33,anchor="w",width="10",command=smo
othie)

smoothie.grid(row=5,column=0)

icedtea=Checkbutton(beverages,text='Iced Tea',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var34,anchor="w",width="10",command=iced
)

icedtea.grid(row=6,column=0)

buttermilk=Checkbutton(beverages,text='ButterMilk',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var35,anchor="w",width="10",command=mil
k)

buttermilk.grid(row=7,column=0)

lassi=Checkbutton(beverages,text='Lassi',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var36,anchor="w",width="10",command=lass
i)

lassi.grid(row=8,column=0)

espresso=Checkbutton(beverages,text='Espresso',font=('Script MT
Bold',15,'bold'),onvalue=1,offvalue=0,variable=var41,anchor="w",width="10",command=esp
resso)

espresso.grid(row=9,column=0)


#Entryfieldsfoods

txtdosa=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=edosa)

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

txtidli=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=eidli)

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

txtmeals=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=emeals)

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

txtnoodles=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=enoodles)

```

```

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

txtrol=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=eroll)

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

txthotpot=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ehotpot)

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

txtspa=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=espa)

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

txtpasta=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epasta)

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

txtpizza=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epizza)

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

txtpoori=Entry(food,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epoori)

txtpoori.grid(row=9,column=1)

```

#entryfielddesserts

```

txtcake=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ecake)

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

txtshake=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,stat=DISABLED,textvariable=eshake)

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

txtice=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=eice)

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

txtpudd=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epudd)

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

txtcrumble=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ecrumble)

```

```

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

txtpie=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epie)

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

txtbrownie=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ebrownie)

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

txtkheer=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ekheer)

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

txtmousse=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=emousse)

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

txtnut=Entry(desserts,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=enut)

txtnut.grid(row=9,column=1)

```

#entryfieldchats

```

txtpani=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epani)

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

txtpav=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epav)

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

txtkach=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ekach)

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

txtsev=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=esev)

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

txtaloo=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ealoo)

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

txtcorn=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ecorn)

```

```

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

txtbhel=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ebhel)

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

txtsamosa=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=esamosa)

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

txtpuff=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=epuff)

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

txtdahi=Entry(chats,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=edahi)

txtdahi.grid(row=9,column=1)

```

#entryfielbeverages

```

txttea=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=etea)

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

txtcoffee=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ecoffee)

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

txtsoda=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=esoda)

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

txtcoke=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ecoke)

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

txtfanta=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=efanta)

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

txtsmoothie=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=esmoothie)

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

txticed=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=eiced)

```

```

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

txtbutter=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=ebutter)

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

txtlassi=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=elassi)

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

txtespresso=Entry(beverages,font=('Script MT
Bold',20,'bold'),bd=3,width=3,state=DISABLED,textvariable=eespresso)

txtespresso.grid(row=9,column=1)


#costlabels

lbfoodcost=Label(costframe,text='Cost of
Food',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')

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

txtfoodcost=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=costoffood)

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

lbdessertscost=Label(costframe,text='Cost of
Desserts',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')

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

txtdessertscost=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=costofdesserts)

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

lbchatscost=Label(costframe,text='Cost of
Chats',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')

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

txtchatscost=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=costofchats)

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

lbbevcost=Label(costframe,text='Cost of
Beverages',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')

lbbevcost.grid(row=3,column=0)

txtbevcost=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=costofbeverages)

```



```

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

lbsub=Label(costframe,text='Sub Total',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')
lbsub.grid(row=0,column=2)

txtsub=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=
subtot)

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

lbtax=Label(costframe,text='Service
Charge',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')

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

txttax=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=s
ervicecharge)

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

lbtot=Label(costframe,text='TOTAL',font=('arial',16,'bold'),bg='#FBFA9E',fg='#242021')
lbtot.grid(row=2,column=2)

txttot=Entry(costframe,font=('arial',16,'bold'),bd=6,width=10,state='readonly',textvariable=t
otal)

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

#Buttons

totbut=Button(buttonframe,text='TOTAL',font=('arial',12,'bold'),bg='#242021',fg='#FBFA9E',
bd=3,padx=5,command=totcost)

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

savebut=Button(buttonframe,text='SAVE',font=('arial',12,'bold'),bg='#242021',fg='#FBFA9E',
bd=3,padx=5,command=save)

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

recbut=Button(buttonframe,text='RECEIPT',font=('arial',12,'bold'),bg='#242021',fg='#FBFA9
E',bd=3,padx=5,command=receipt)

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

resetbut=Button(buttonframe,text='RESET',font=('arial',12,'bold'),bg='#242021',fg='#FBFA9
E',bd=3,padx=5,command=reset)

resetbut.grid(row=0,column=3)

backbut=Button(buttonframe,text='BACK',font=('arial',12,'bold'),bg='#242021',fg='#FBFA9E'
,bd=3,padx=5,command=back)

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

#textreceipt

```

```
receipt=textReceipt=Text(recieptframe,font=('arial',12,'bold'),bd=3,width=45,height=27)
receipt.grid(row=0,column=0)
root.mainloop()
```

stats.py :

```
import tkinter
from PIL import ImageTk,Image
from tkinter import *
from tkinter import ttk
from tkinter.messagebox import showinfo
import matplotlib.pyplot as plt
import sqlite3

#creation of GUI window
root=tkinter.Tk()
root.title("Statistics Of Great Food Restaurant")
root.geometry("1270x690+0+0")
root.resizable(0,0)
root.iconphoto(False,ImageTk.PhotoImage(file='icon.png'))

#importing images
statsbgimg=ImageTk.PhotoImage(file='statsbg.jpg')
backb=ImageTk.PhotoImage(file='backbutton.jpg')
viewb=ImageTk.PhotoImage(file='viewbutton.jpg')
submitb=ImageTk.PhotoImage(file='submitbutton.jpg')
totob=ImageTk.PhotoImage(file='totalorderbutton.jpg')
totsb=ImageTk.PhotoImage(file='totalsalebutton.jpg')

#connecting to database
conn=sqlite3.connect("greatfoodrestaurant.db")
```

```

cursor=conn.cursor()
#func for creation of buttons
def createwidgets():
    global btn1,btn3,btn4,btn5,dentry,combo
    btn1=tkinter.Button(root,image=backb,border=0,relief='solid',command=pressbackb)
    btn1.place(x=625,y=640,anchor='center')
    btn3=tkinter.Button(root,image=viewb,border=0,relief='solid',command=pressviewb)
    btn3.place(x=850,y=350,anchor='center')
    btn4=tkinter.Button(root,image=totob,border=0,relief='solid',command=presstotob)
    btn4.place(x=625,y=460,anchor='center')
    btn5=tkinter.Button(root,image=totsb,border=0,relief='solid',command=presstotsb)
    btn5.place(x=625,y=550,anchor='center')
    dentry=tkinter.Text(root,width=15,height='1')
    dentry.insert(END,"YYYY-MM-DD")
    dentry.place(x=680,y=210)
    dentry.configure(font=("Times New Roman", 20))
    combo=ttk.Combobox(root,values=["Food","Desserts","Chats","Beverages"],font=("Times
    New Roman", 20),width=9,height=10)
    combo.current(0)
    combo.pack(padx=15,pady=330)

def pressbackb():
    root.destroy()

def pressviewb():
    date1=str(dentry.get("1.0",'end-1c'))
    choice=str(combo.get())
    fooddata=[]
    dessertsdata=[]
    chatsdata=[]
    beveragesdata=[]
    if choice=="Food":

```

```

        cursor.execute("select * from FOOD where Fdate='{0}';".format(date1))
        fooddata=list(cursor.fetchall())
        foodquantitylist1=[]
        ac=[]
        bc=[]
        cc=[]
        dc=[]
        ec=[]
        fc=[]
        gc=[]
        hc=[]
        ic=[]
        jc=[]
        for i in fooddata:
            i=list(i)
            i.pop()
            foodquantitylist1.append(i)
        for a in foodquantitylist1:
            ac.append(a[0])
            bc.append(a[1])
            cc.append(a[2])
            dc.append(a[3])
            ec.append(a[4])
            fc.append(a[5])
            gc.append(a[6])
            hc.append(a[7])
            ic.append(a[8])
            jc.append(a[9])
        foodquantitylist2=[sum(ac),sum(bc),sum(cc),sum(dc),sum(ec),sum(fc),sum(gc),sum(hc),sum
        (ic),sum(jc)]
        foodnames=["PlainDosa","SambarIdli","VegMeals","SpringRoll","QuickNoodles","HotPot","Spa
        ghetti","Pasta","Pizza","Poori"]

```

```

plt.bar(foodnames,foodquantitylist2,width=0.5,color="#242021")
plt.ylabel('Quantity ordered')
plt.title("Food")
plt.show()
if choice=="Desserts":
    cursor.execute("select * from DESSERTS where Ddate='{ }';".format(date1))
    dessertsdata=list(cursor.fetchall())
    dessertsquantitylist1=[]
    ac=[]
    bc=[]
    cc=[]
    dc=[]
    ec=[]
    fc=[]
    gc=[]
    hc=[]
    ic=[]
    jc=[]
    for i in dessertsdata:
        i=list(i)
        i.pop()
        dessertsquantitylist1.append(i)
    for a in dessertsquantitylist1:
        ac.append(a[0])
        bc.append(a[1])
        cc.append(a[2])
        dc.append(a[3])
        ec.append(a[4])
        fc.append(a[5])
        gc.append(a[6])
        hc.append(a[7])

```

```

        ic.append(a[8])
        jc.append(a[9])
dessertsquantitylist2=[sum(ac),sum(bc),sum(cc),sum(dc),sum(ec),sum(fc),sum(gc),sum(hc),
sum(ic),sum(jc)]
dessertsnames=["CheeseCake","Milkshake","Icecream","ChocoPudding","ChocoCrumble","Ap
plePie","FudgyBrownie","CoconutKheer","Mousse","Doughnut"]

plt.bar(dessertsnames,dessertsquantitylist2,width=0.5,color="#242021")

plt.ylabel('Quantity ordered')

plt.title("Desserts")

plt.show()
if choice=="Chats":
    cursor.execute("select * from CHATS where Cdate='{ }';".format(date1))
    chatsdata=list(cursor.fetchall())
    chatsquantitylist1=[]
    ac=[]
    bc=[]
    cc=[]
    dc=[]
    ec=[]
    fc=[]
    gc=[]
    hc=[]
    ic=[]
    jc=[]
    for i in chatsdata:
        i=list(i)
        i.pop()
        chatsquantitylist1.append(i)
    for a in chatsquantitylist1:
        ac.append(a[0])
        bc.append(a[1])
        cc.append(a[2])

```

```

dc.append(a[3])
ec.append(a[4])
fc.append(a[5])
gc.append(a[6])
hc.append(a[7])
ic.append(a[8])
jc.append(a[9])
chatsquantitylist2=[sum(ac),sum(bc),sum(cc),sum(dc),sum(ec),sum(fc),sum(gc),sum(hc),sum(ic),sum(jc)]
chatsnames=["PaniPuri","PavBhaji","Kachori","SevPuri","AlooToast","Corn","BhelPuri","Samosa","Mousse","Doughnet"]

plt.bar(chatsnames,chatsquantitylist2,width=0.5,color="#242021")

plt.ylabel('Quantity ordered')

plt.title("Chats")

plt.show()

if choice=="Beverages":

    cursor.execute("select * from BEVERAGES where Bdate='{ }';".format(date1))

    beveragesdata=list(cursor.fetchall())

    beveragesquantitylist1=[]

    ac=[]
    bc=[]
    cc=[]
    dc=[]
    ec=[]
    fc=[]
    gc=[]
    hc=[]
    ic=[]
    jc=[]

    for i in beveragesdata:

        i=list(i)

        i.pop()

```

```

beveragesquantitylist1.append(i)
    for a in beveragesquantitylist1:
        ac.append(a[0])
        bc.append(a[1])
        cc.append(a[2])
        dc.append(a[3])
        ec.append(a[4])
        fc.append(a[5])
        gc.append(a[6])
        hc.append(a[7])
        ic.append(a[8])
        jc.append(a[9])
beveragesquantitylist2=[sum(ac),sum(bc),sum(cc),sum(dc),sum(ec),sum(fc),sum(gc),sum(hc
),sum(ic),sum(jc)]
beveragesnames=["Tea","Coffee","Soda","Coke","Fanta","Smoothie","IcedTea","ButterMilk","L
assi","Espresso"]
plt.bar(beveragesnames,beveragesquantitylist2,width=0.5,color="#242021")
    plt.ylabel('Quantity ordered')
    plt.title("Beverages")
    plt.show()

def presstotob():
    cursor.execute("select count(Mdate) as NoOfOrders,Mdate from MAINDATA group by
Mdate")
    datafororder=list(cursor.fetchall())
    datefororder=str(dentry.get(1.0,'end-1c'))
    nooforders=0
    for i in datafororder:
        if i[1]==datefororder:
            nooforders=i[0]
    showinfo("Total No. Of Orders","Total No. Of Orders on "+datefororder+" "+is
"+str(nooforders))

```



```

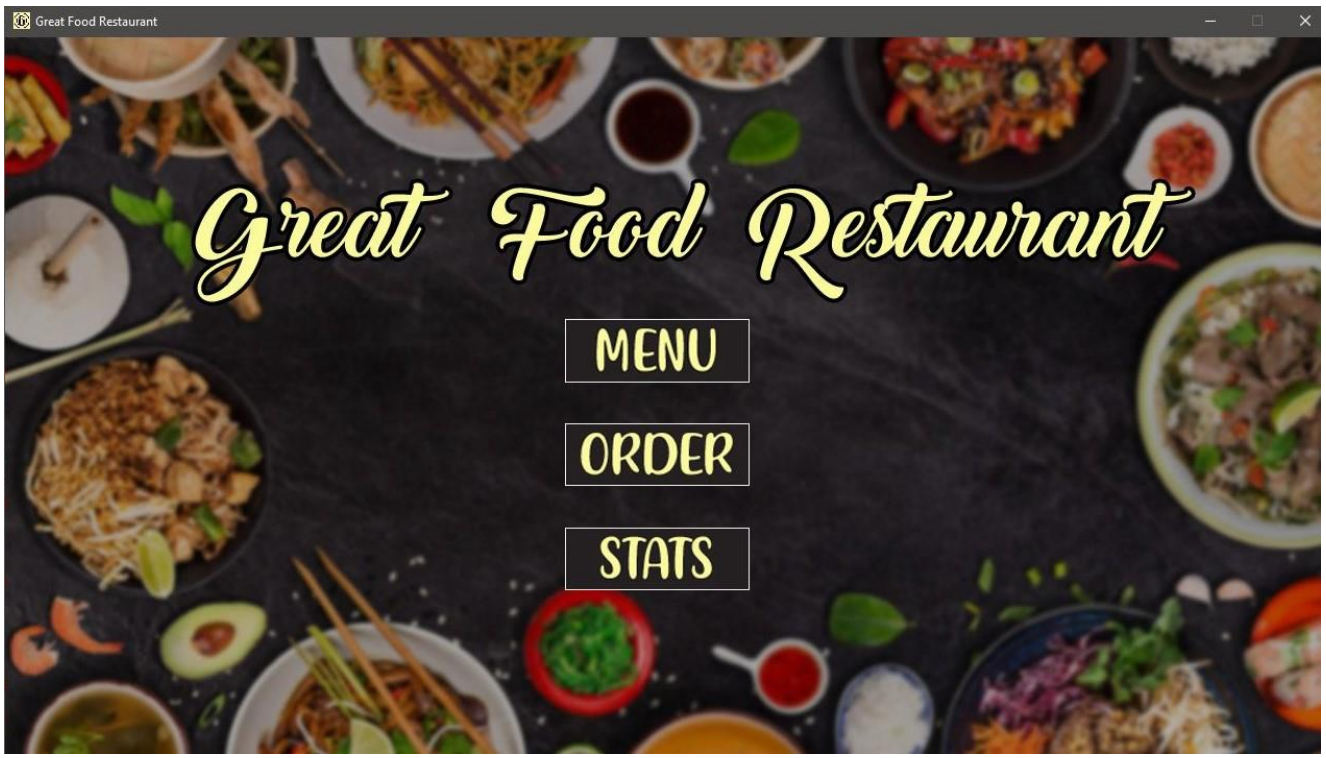
def presstotsb():
    datefortots=str(dentry.get(1.0,'end-1c'))
    cursor.execute("select TotalCostOfOrder,Mdate from MAINDATA where
Mdate='{ }';".format(datefortots))
    datafortots=list(cursor.fetchall())
    totalsale=0
    for i in datafortots:
        totalsale+=i[0]
    showinfo("Total Sale","Total Sale on "+datefortots+" "+"is "+"Rs. "+str(totalsale))

#assignning bgimage using a label
bg=tkinter.Label(root,image=statsbgimg)
bg.place(x=0,y=0,relwidth=1,relheight=1)

createwidgets()
root.mainloop()

```

OUTPUT



Order

FOOD

☐ Plain Dosa 0
 ☐ Sambar Idli 0
 ☐ Veg. Meals 0
 ☐ Spring Roll 0
 ☐ Quick Noodles 0
 ☐ Hot Pot 0
 ☐ Spaghetti 0
 ☐ Pasta 0
 ☐ Pizza 0
 ☐ Peori 0

DESSERTS

☐ CheeseCake 0
 ☐ MilkShake 0
 ☐ Ice Cream 0
 ☐ Chocolate Pudding 0
 ☐ Choco Crumble 0
 ☐ Apple Pie 0
 ☐ Fudgy Brownie 0
 ☐ Coconut Kheer 0
 ☐ Mousse 0
 ☐ Doughnut 0

CHATS

☐ PaniPuri 0
 ☐ Pav Bhaji 0
 ☐ Kachori 0
 ☐ Sev Puri 0
 ☐ Aloo Toast 0
 ☐ Corn 0
 ☐ Bhel Puri 0
 ☐ Samosa 0
 ☐ Veg Puffs 0
 ☐ Dahi Puri 0

BEVERAGES

☐ Tea 0
 ☐ Coffee 0
 ☐ Soda 0
 ☐ Coke 0
 ☐ Fanta 0
 ☐ Smoothie 0
 ☐ Iced Tea 0
 ☐ Butter.Milk 0
 ☐ Lassi 0
 ☐ Espresso 0

TOTAL

SAVE

RECEIPT

RESET

BACK

Cost of Food

Cost of Desserts

Cost of Chats

Cost of Beverages

Sub Total

Service Charge

TOTAL

Order

FOOD

☒ Plain Dosa 1
 ☐ Sambar Idli 0
 ☐ Veg. Meals 0
 ☐ Spring Roll 0
 ☐ Quick Noodles 0
 ☐ Hot Pot 0
 ☐ Spaghetti 0
 ☒ Pasta 1
 ☐ Pizza 0
 ☐ Peori 0

DESSERTS

☐ CheeseCake 0
 ☒ MilkShake 1
 ☐ Ice Cream 0
 ☐ Chocolate Pudding 0
 ☐ Choco Crumble 0
 ☐ Apple Pie 0
 ☒ Fudgy Brownie 1
 ☐ Coconut Kheer 0
 ☐ Mousse 0
 ☐ Doughnut 0

CHATS

☐ PaniPuri 0
 ☐ Pav Bhaji 0
 ☐ Kachori 0
 ☐ Sev Puri 0
 ☐ Aloo Toast 0
 ☒ Corn 1
 ☐ Bhel Puri 0
 ☐ Samosa 0
 ☐ Veg Puffs 0
 ☐ Dahi Puri 0

BEVERAGES

☒ Tea 1
 ☒ Coffee 1
 ☐ Soda 0
 ☐ Coke 0
 ☐ Fanta 0
 ☐ Smoothie 0
 ☐ Iced Tea 0
 ☐ Butter.Milk 0
 ☐ Lassi 0
 ☐ Espresso 0

TOTAL

SAVE

RECEIPT

RESET

BACK

Receipt Ref: BILL3630 10/10/2022

Items: Cost Of Items(Rs.)

Dosa 70

Pasta 110

MilkShake 90

Fudgy Brownie 70

Corn 40

Tea 40

Coffee 50

Cost Of Food Rs.180

Cost Of Desserts Rs.160

Cost Of Chats Rs.40

Cost Of Beverages Rs.90

Cost of Food

Cost of Desserts

Cost of Chats

Cost of Beverages

Sub Total

Service Charge

TOTAL

FOOD

☐ Plain Dosa 0
 ☐ Sambar Idli 0
 ☐ Veg. Meals 0
 ☐ Spring Roll 0
 ☒ Quick Noodles 1
 ☐ Hot Pot 0
 ☐ Spaghetti 0
 ☒ Pasta 1
 ☒ Pizza 1
 ☐ Peori 0

DESSERTS

☐ CheeseCake 0
 ☐ MilkShake 0
 ☐ Ice Cream 0
 ☐ Chocolate Pudding 0
 ☐ Choco Crumble 0
 ☐ Apple Pie 0
 ☐ Fudgy Brownie 0
 ☐ Coconut Kheer 0
 ☒ Mousse 2
 ☒ Doughnut 1

CHATS

☐ PaniPuri 0
 ☐ Pav Bhaji 0
 ☒ Kachori 1
 ☐ Sev Puri 0
 ☐ Aloo Toast 0
 ☐ Corn 0
 ☐ Bhel Puri 0
 ☐ Samosa 0
 ☐ Veg Puffs 0
 ☐ Dahi Puri 0

BEVERAGES

☐ Tea 0
 ☒ Coffee 1
 ☐ Soda 0
 ☒ Cake 1
 ☐ Fanta 0
 ☐ Smoothie 0
 ☐ Iced Tea 0
 ☐ Butter.Milk 0
 ☐ Lassi 0
 ☒ Espresso 1

Cost of Food	Rs.430	Sub Total	Rs.1150
Cost of Desserts	Rs.360	Service Charge	Rs.115
Cost of Chats	Rs.70	TOTAL	Rs.1265
Cost of Beverages	Rs.290		

TOTAL	SAVE	RECEIPT	RESET	BACK
Doughnut	200			
Kachori	70			
Coffee	50			
Coke	60			
Espresso	180			
Cost Of Food		Rs.430		
Cost Of Desserts		Rs.360		
Cost Of Chats		Rs.70		
Cost Of Beverages		Rs.290		
Sub Total		Rs.1150		
Service Charge		Rs.115		
Total Cost		Rs.1265		

Save As

File name: 8770.txt

Save as type:

Browse Folders

Save Cancel

BEVERAGES

☐ Tea 0
 ☒ Coffee 1
 ☐ Soda 0
 ☒ Cake 1
 ☐ Fanta 0
 ☐ Smoothie 0
 ☐ Iced Tea 0
 ☐ Butter.Milk 0
 ☐ Lassi 0
 ☒ Espresso 1

Cost of Food	Rs.430	Sub Total	Rs.1150
Cost of Desserts	Rs.360	Service Charge	Rs.115
Cost of Chats	Rs.70	TOTAL	Rs.1265
Cost of Beverages	Rs.290		

TOTAL	SAVE	RECEIPT	RESET	BACK
Receipt Ref: BILL8770		10/10/2022		
Items:		Cost Of Items(Rs.)		
Quick Noodles		120		
Pasta		110		
Pizza		200		
Mousse		160		
Doughnut		200		
Kachori		70		
Coffee		50		
Coke		60		
Espresso		180		
Cost Of Food		Rs.430		
Cost Of Desserts		Rs.360		

Order

FOOD

☐ Plain Dosa 0
☐ Sambar Idli 0
☐ Veg. Meals 0
☐ Spring Roll 0
☒ Quick Noodles 1
☐ Hot Pot 0
☐ Spaghetti 0
☒ Pasta 1
☒ Pizza 1
☐ Paori 0

DESSERTS

☐ CheeseCake 0
☐ MilkShake 0
☐ Ice Cream 0
☐ Chocolate Pudding 0
☐ Choco Crumble 0
☐ Apple Pie 0
☐ Fudgy Brownie 0
☐ Coconut Kheer 0
☒ Mousse 2
☒ Doughnut 1

CHATS

☐ PaniPuri 0
☐ Pav Bhaji 0
☒ Kachori 1
☐ Sev Puri 0
☐ Aloo Toast 0
☐ Corn 0
☐ Bhel Pu 0
☐ Samosa 0
☐ Veg Puf 0
☐ Dahi Puri 0

BEVERAGES

☐ Tea 0
☒ Coffee 1
☐ Soda 0
☒ Coke 1
☐ Fanta 0
☐ Espresso 1

TOTAL

SAVE

RECEIPT

RESET

BACK

Receipt Ref: BILL8770 10/10/2022

Items: Cost Of Items(Rs.)

Quick Noodles 120

Pasta 110

Pizza 200

Mousse 160

Doughnut 200

Kachori 70

Coffee 50

Coke 60

Espresso 180

Cost Of Food Rs.430

Cost Of Desserts Rs.360

Cost of Food Rs.430

Cost of Desserts Rs.360

Cost of Chats Rs.70

Cost of Beverages Rs.290

Sub Total Rs.1150

Service Charge Rs.115

TOTAL Rs.1265

Information

Your Bill Is Successfully Saved !

OK

Statistics Of Great Food Restaurant

Stats

Enter the date : YYYY-MM-DD

Graph of quantity of items sold : Food

VIEW

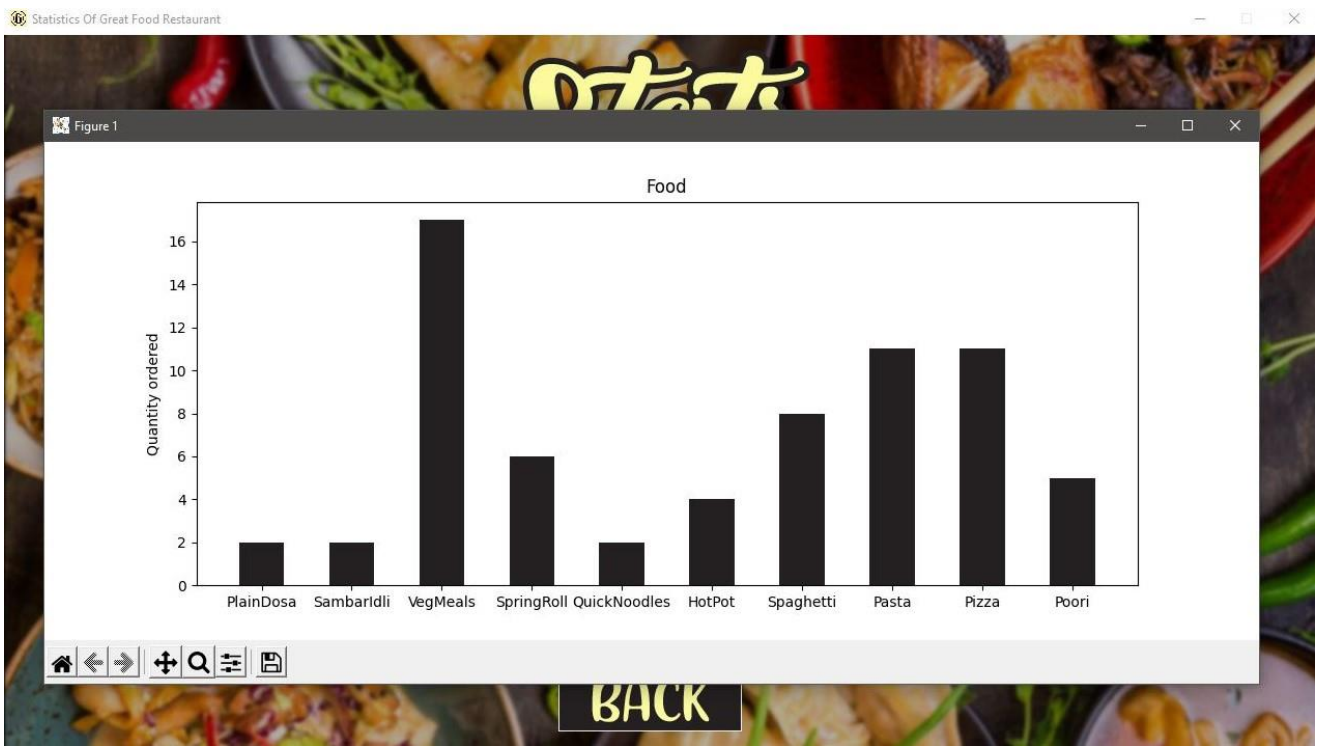
VIEW TOTAL NO. OF ORDERS

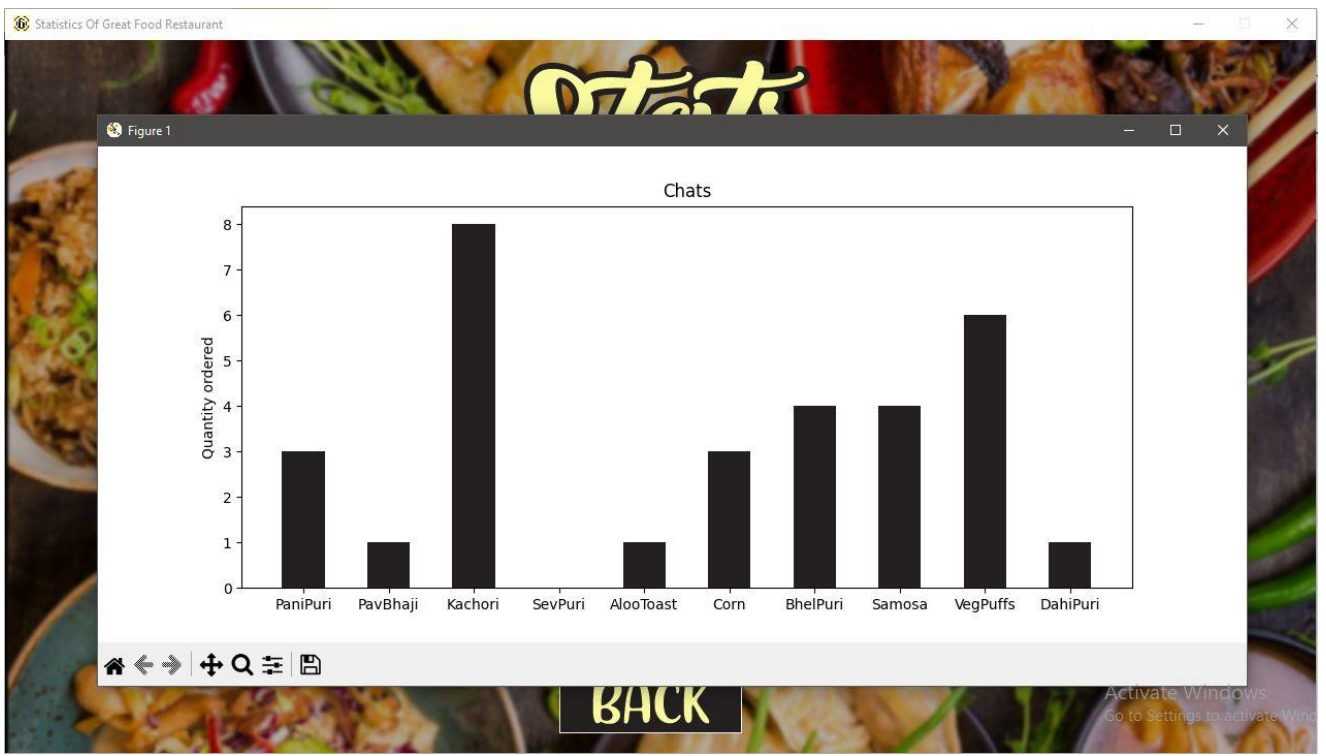
VIEW TOTAL SALE

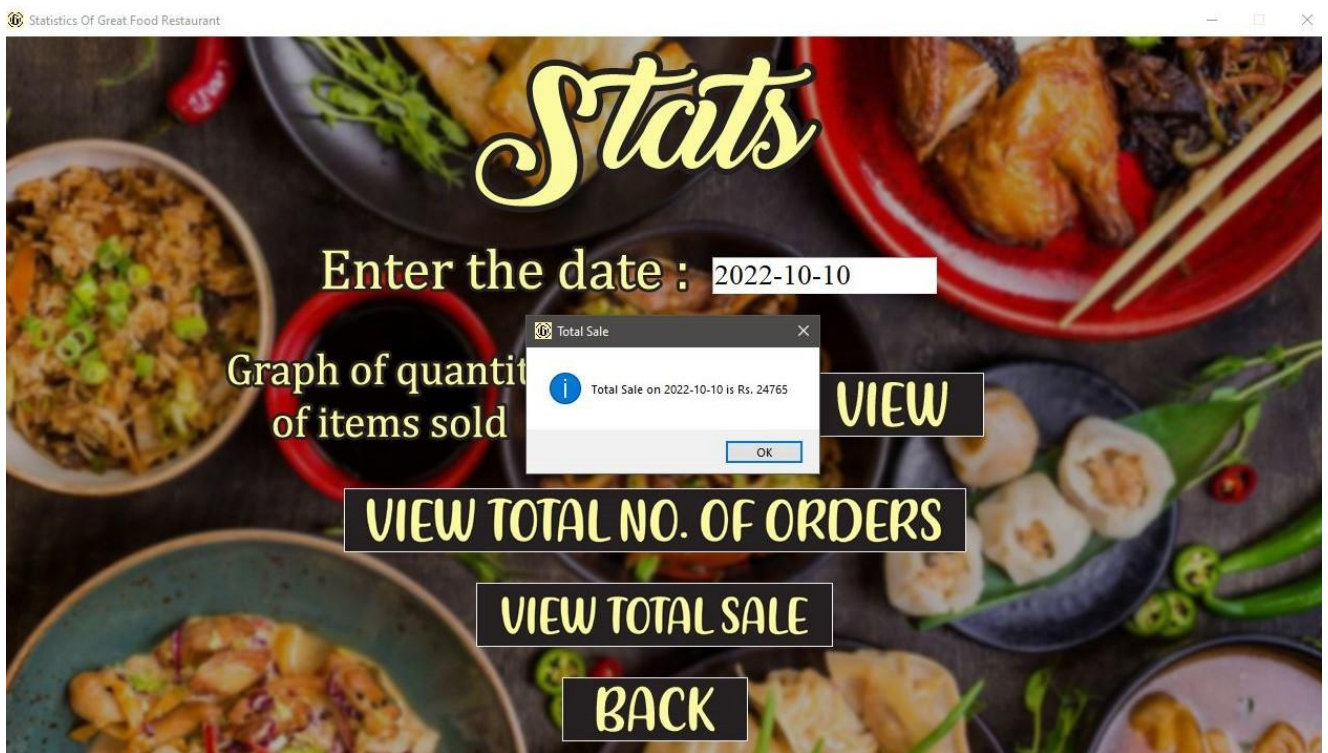
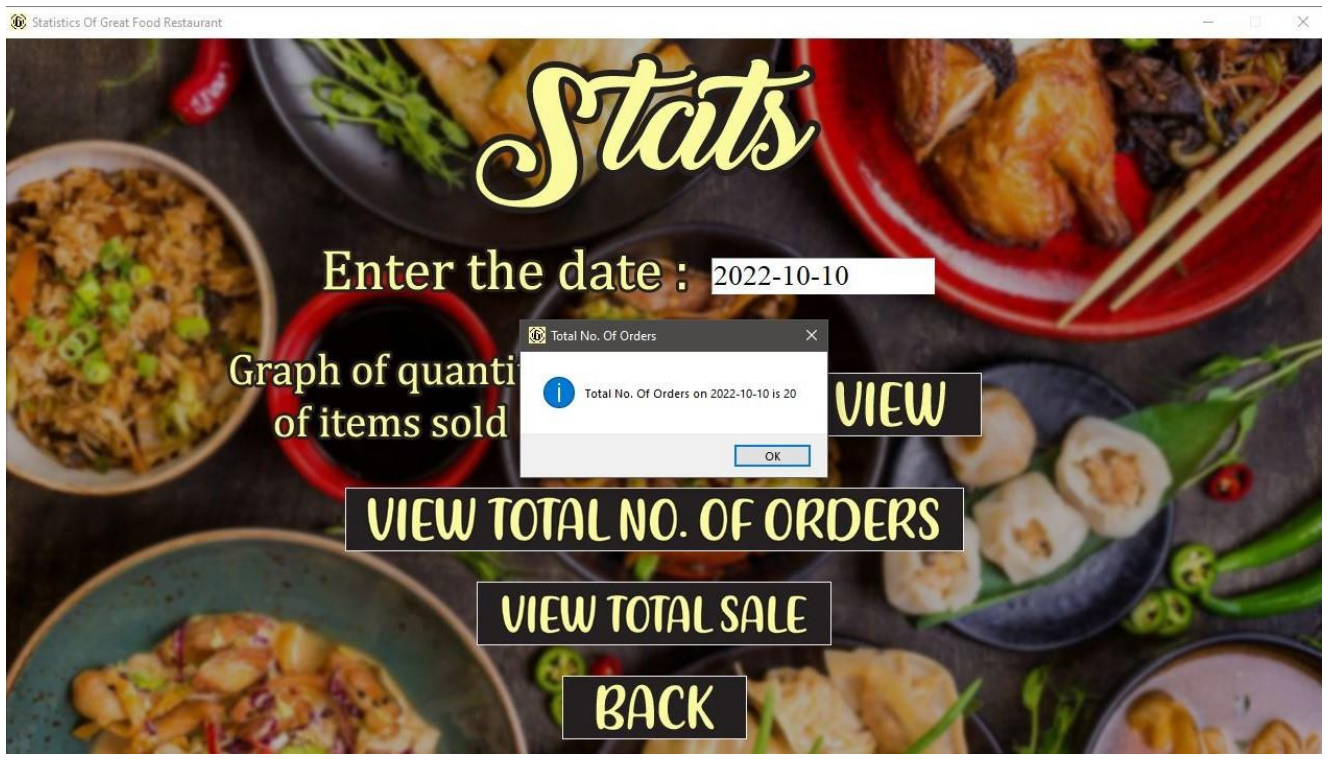
BACK

Activate Windows

Go to Settings to activate Windows.







FUTURE ENHANCEMENTS

- A direct apk or .exe can be created so that we can run this management system without Python.
- An end-to-end encryption can be provided to improve the security of the program by preventing third parties from accessing the valuable data.
- There is a paradigm shift in how owners manage the restaurant- from single-unit locations to large scale business. Thence it imparts a need to share and access data across multiple locations unlocking countless new doors.
- The Restaurant Management system can add discounts and display it in the billing in an attempt to increase the count and by appealing to the more price conscious public.
- The restaurant receipt can also contain the customer's method of payment, the cash received and the balance returned thereby accounting for the entire breakdown of the bill.

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