

# Govt. COLLEGE SOLAN



**BCA – 0606(P)**

**Online Grocery Store**

**By**

**Dheeraj Panwar**

**Registration No. /College roll no.**

**309395175 / 2026**

**Under Guidance**

**of**

.....

**Submitted to the BCA Deptt. Of Govt. College Solan  
In partial fulfillment of the requirements  
for the award of the Degree In  
Bachelors' of Computer Applications (BCA)  
2020-2023**

## **Table of Contents**

### **Enclosures**

- Performa 1-14

### **Lesson 1: Introduction 15-17**

- About this Project
- Objectives of this Project

### **Lesson 2 – System Requirements 53-58**

- Software used
- Hardware used

### **Lesson 3 – Software Development Code 59-88**

- Introduction to Online Grocery Store
- Objectives
- Coding
- Code Optimization

### **Lesson 4 133-135**

- Conclusion
- Validation Checks
- Future Scope of the System
- References/Bibliography

## **Lesson 1: Introduction**

- About this Project
- Objectives of this Project

**Are you doing this Project for any  
industry or client : No**

## **Lesson 2 –System Requirements**

- ✓ **Software Used**
- ✓ **Hardware Used**

# **SYSTEM REQUIREMENTS**

## **SOFTWARE SPECIFICATION**

Software is classified as System Software controlling computer operations and Application Software for solving user oriented problems. In general, software allows concurrence of operations, resources and information sharing, modularity and multiplexed operations. It has grown by leaps and bounds, especially since birth of microcomputer programmer shortages, improved software performances and economies of scale are other reasons for the growth of software.

The criteria for software selection are:

- Reliability
- Functionality
- Capacity
- Flexibility
- Usability
- Security
- Performance
- Serviceability
- Ownership
- Minimal Cost

## **HARDWARE AND SOFTWARE REQUIREMENTS**

### **Minimum Hardware Requirements :**

- Pentium IV 2.0 GHz
- 150 GB HDD
- 1 GB RAM

### **Tools and Platform used**

**Platform Used:** Python

**Connectivity:** SQL Server Connectivity is used.

## **Online Grocery Store**

### **Introduction**

The online Grocery Store documents a purchaser to submit online commands for items and facilities from a store that distributes both walk-in clients and online customers. The online Store system grants an online display of all the matters they want to wholesale from store. This web grounded application assists customers to select their products. Customers provide their all detail regarding address and contact and they get their chosen products in their home. Shopping days may be check at any time, and their substances can be modified or detached at the option of the customer. Once the customer adopts to submit a buying order, the purchaser may print the insides of the shopping carrier in order to gain a hard copy record of the deal. This Web application saves lots of time of customers and gives the more advantages to customer. E-commerce has seen a tremendous growth in the past decade. An important feature of an online grocery system is to arise up with suitable recommendations, which can help the user make quick decisions, so that they dont have to spend additional time, browsing the website.



Generating visual needs and reports acts as another plus point, for these websites. In order to implement this, almost all major online shopping sites use Recommendation systems. The main persistence of this broadside is to give an review of a smart cart application which is a predictive model application and which aims to provide germane item recommendations grounded on purchase olden times and user interests based on a dataset. This paper also describes the application that analyses the customers grocery purchasing habits and predicts which previously purchased products will be in a customers next order. The application will also have a reference scheme that predicts the items hence making the users purchasing experience more.

## **OBJECTIVE OF THE ONLINE GROCERY STORE**

- To workshop while in the luxury of your own home, without having to period out of the door.
- Sell at lesser rate due to a lesser amount of overhead.
- Provide home delivery free of cost.

## **MODULES OF ONLINE GROCERY STORE**

- Login: Admin can choose his own username and password. After logging into the system, they can provide username or the password to other unauthorized users.
- Order: The order from the dealer is taken through phone and the products; quality is entered by an employee. After that it resolve be saved in the database and a crystal account will have produced for billing purpose.
- Stock: After trade, the products will be directed to the stock. In the stock unit we can get the total quantity of products available.
- Payment: Configurable to permit and charge, or authorize only and on conception of invoices. Cash on delivery available.
- Customer: Check the all products and give order of products. Check order status and see recently add cart products.
- Product: Detail information about product which is provided by admin.

## **Lesson 3**

### **Software Development Code**

- **Coding**
- **Code Optimization**

# **CODING**

## **onlineshoping.py**

```
from tkinter import *
```

```
import time
```

```
from sqlite3 import *
```

```
import random
```

```
from tkinter import messagebox
```

```
class Pizza:
```

```
    cartlist=[]
```

```
    amount=0
```

```
#-- page 1-----
```

```
def main(sf):
```

```
    try:
```

```
        sf.scr.destroy()
```

```
        sf.scr=Tk()
```

```
except:
```

```
    try:
```

```
        sf.scr=Tk()
```

```
    except:
```

```
        pass
```

```
sf.scr.geometry("1366x768")
```

```
sf.scr.title("DEEPAK PIZZA")
```

```
#sf.scr.resizable(False, False)
```

```
sf.scr.iconbitmap('p.ico')
```

```
sf.mainf1=Frame(sf.scr,height=150,width=1366)
```

```
sf.logo=PhotoImage(file="logo1.png")
```

```
sf.l=Label(sf.mainf1,image=sf.logo)
```

```
sf.l.place(x=0,y=0)
```

```
sf.mainf1.pack(fill=BOTH,expand=1)
```

```
sf.mainf2=Frame(sf.scr,height=618,width=1366)
```

```
sf.c=Canvas(sf.mainf2,height=618,width=1366)
```

```
sf.c.pack()
```

```
sf.back=PhotoImage(file="bg.png")
```

```
sf.c.create_image(683,284,image=sf.back)
```

```
sf.lab=Button(sf.mainf2,text= "Click Here to enter the World of  
Grocery",command=lambda:sf.Login(),cursor="hand2", bd=10  
,font=("cooper black",30, 'bold'),fg="white",bg="#0b1335")
```

```
sf.lab.place(x=250,y=250)
```

```
sf.mainf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

```
#Fornt page design and button over it
```

```
#----- page 2-----
```

```
def Login(sf):
```

```
sf.cartlist=[]
```

```
sf.amount=0
```



```
sf.scr.destroy()
```

```
sf.scr=Tk()
```

```
sf.scr.title("Dheeraj Grocery Shop")
```

```
sf.scr.geometry("1366x768")
```

```
#sf.scr.resizable(False, False)
```

```
sf.loginf1=Frame(sf.scr,height=150,width=1366)
```

```
sf.logo=PhotoImage(file="logo.PNG")
```

```
sf.ba=Label(sf.loginf1,image=sf.logo,height=150).place(x=0,y=0)
```

```
sf.home=Button(sf.loginf1,text="Home",command=lambda:sf.main(),bg="#  
0b1335",cursor="hand2",bd=4,fg="white",font=("cooper black",16))
```

```
sf.home.place(x=800,y=100)#Main page link
```

```
sf.adlog=Button(sf.loginf1,text="Administrator  
Login",command=lambda:sf.Adminlogin(),cursor="hand2",bd=4,bg="#0b13  
35",fg="white",font=("cooper black",16))
```

```
sf.adlog.place(x=925,y=100)
```

```

sf.abt=Button(sf.loginf1,text="About
Us",bg="#0b1335",cursor="hand2",bd=4,fg="white",font=("cooper
black",16))

sf.abt.config(command=lambda:sf.about())

sf.abt.place(x=1210,y=100)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.tim=Label(sf.loginf1,text=sf.localtime,fg="white",font=("default",16),bg=
"#0b1335")

sf.tim.place(x=925,y=50)

sf.loginf1.pack(fill=BOTH,expand=1)

sf.loginf2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.loginf2,height=618,width=1366)

sf.c.pack()

#login form

sf.logo1=PhotoImage(file="bg.png")

sf.c.create_image(683,309,image=sf.logo1)

```

```
sf.c.create_rectangle(50,100,700,450,fill="#d3ede6",outline="white",width=6)
```

```
sf.log=Label(sf.loginf2,text="LOGIN",fg="white",bg="#0b1335",width=26,font=("cooper black",27))
```

```
sf.log.place(x=59,y=105)
```

```
sf.lab1=Label(sf.loginf2,text="UserName",bg="#d3ede6",font=("cooper black",22)) #logn-inform Create
```

```
sf.lab1.place(x=100,y=180)
```

```
sf.user=Entry(sf.loginf2,bg="white",font=("cooper black",22),bd=6,justify='left')
```

```
sf.user.place(x=320,y=180)
```

```
sf.lab2=Label(sf.loginf2,text="Password",bg="#d3ede6",font=("cooper black",22))
```

```
sf.lab2.place(x=105,y=250)
```

```
sf.pasd=Entry(sf.loginf2,bg="white",font=("cooper black",22),bd=6
,justify='left')
```

```
sf.pasd.place(x=320,y=250)
```

```
sf.lg=Button(sf.loginf2,text="Login",cursor="hand2",command=lambda:sf.l
ogindatabase(),fg="white",bg="#0b1335",font=("cooper black",20),bd=4)
```

```
sf.lg.place(x=180,y=320)
```

#it include second page frame upper part.

```
def clear(sf):
```

```
sf.user.delete(0,END)
```

```
sf.pasd.delete(0,END)
```

```
sf.cl=Button(sf.loginf2,text="Clear",cursor="hand2",command=lambda:clea
r(sf),fg="white",bg="#0b1335",font=("cooper black",20),bd=4)
```

```
sf.cl.place(x=450,y=320)
```

```
sf.rg=Button(sf.loginf2,text="New to Dheeraj Grocery  
Shop",command=lambda:sf.Register(),fg="white",cursor="hand2",bg="#8c6  
8c1",font=("cooper black",20),bd=6)
```

```
sf.rg.place(x=200,y=390)
```

```
sf.c.create_rectangle(850,120,1310,480,fill="#d3ede6",outline="white",width=3)
```

```
sf.ext=PhotoImage(file="p4.png")
```

```
sf.url=Label(sf.loginf2,image=sf.ext,cursor="hand2").place(x=850,y=125)
```

```
sf.loginf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

```
def resultlog(sf):
```

```
sf.loguser=sf.user.get()
```

```
sf.logpass=sf.pasd.get()
```

```
return sf.loguser,sf.logpass
```

```
def about(sf):
```

```
sf.scr1=Tk()
```

```
sf.L=Label(sf.scr1,text="NEW Dheeraj Grocery SHOP")
```

```
sf.L.pack()
```

```
sf.scr1.mainloop()
```

```
#-- page 3-----
```

```
def Adminlogin(sf):
```

```
    sf.scr.destroy()
```

```
    sf.scr=Tk()
```

```
    sf.scr.title("Dheeraj Grocery Shop")
```

```
    sf.scr.geometry("1366x768")
```

```
    #sf.scr.resizable(False, False)
```

```
    sf.adminf1=Frame(sf.scr,height=150,width=1366)
```

```
    sf.c=Canvas(sf.adminf1,height=150,width=1366)
```

```
    sf.c.pack()
```

```
    sf.logo=PhotoImage(file="logo.PNG")
```

```
    sf.c.create_image(683,75,image=sf.logo)
```

```

sf.home=Button(sf.adminf1,text="Home",command=lambda:sf.main(),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",16,'bold'))

sf.home.place(x=1000,y=90)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.c.create_text(1000,50,text=sf.localtime,fill="white",font=("default",16))

sf.adminf1.pack(fill=BOTH,expand=1)

sf.adminf2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.adminf2,height=618,width=1366)

sf.c.pack()

sf.logo1=PhotoImage(file="bg.png")

sf.c.create_image(683,309,image=sf.logo1)

sf.c.create_rectangle(350,100,1016,450,fill="#d3ede6",outline="white",width=6)

sf.log=Label(sf.adminf2,text="ADMIN
LOGIN",fg="white",bg="#0b1335",width=27,font=("cooper black",27))

```

```
sf.log.place(x=357,y=110)
```

```
sf.lab1=Label(sf.adminf2,text="UserName",bg="#d3ede6",font=("cooper  
black",22))
```

```
sf.lab1.place(x=400,y=200)
```

```
sf.usera=Entry(sf.adminf2,bg="white",font=("cooper black",22),bd=5)
```

```
sf.usera.place(x=650,y=200)
```

```
sf.lab2=Label(sf.adminf2,text="Password",bg="#d3ede6",font=("cooper  
black",22))
```

```
sf.lab2.place(x=405,y=270)
```

```
sf.pasda=Entry(sf.adminf2,bg="white",font=("cooper black",22),bd=5)
```

```
sf.pasda.place(x=650,y=270)
```

```
sf.lg=Button(sf.adminf2,text="Login",cursor="hand2",fg="white",bg="#0b1  
335",command=lambda:sf.admindatabase(),font=("copper  
black",20,'bold'),bd=5)
```

```
sf.lg.place(x=650,y=350)
```



```
sf.cl=Button(sf.adminf2,text="Back",cursor="hand2",fg="white",bg="#0b1335",command=lambda:sf.Login(),font=("copper black",20,'bold'),bd=5)
```

```
sf.cl.place(x=400,y=350)
```

```
def clear(sf):
```

```
    sf.usera.delete(0,END)
```

```
    sf.pasda.delete(0,END)
```

```
sf.rg=Button(sf.adminf2,text="Clear",fg="white",cursor="hand2",bg="#0b1335",command=lambda:clear(sf),bd=5,font=("copper black",20,'bold'))
```

```
sf.rg.place(x=900,y=350)
```

```
sf.adminf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

```
def resultadmin(sf):
```

```
    sf.loguser=sf.usera.get()
```

```
    sf.logpass=sf.pasda.get()
```

```
    return sf.loguser,sf.logpass
```

#-- page 4-----

```
def Register(sf):

    sf.scr.destroy()

    sf.scr=Tk()

    sf.scr.title("Dheeraj Grocery Shop")

    sf.scr.geometry("1366x768")

    #sf.scr.resizable(False, False)

    sf.regf1=Frame(sf.scr,height=150,width=1366)

    sf.logo=PhotoImage(file="logo.PNG")

    sf.ba=Label(sf.regf1,image=sf.logo,height=150).place(x=0,y=0)


sf.home=Button(sf.regf1,text="Home",command=lambda:sf.main(),bg="#0b
1335",cursor="hand2",fg="white",font=("default",16))

    sf.home.place(x=800,y=100)

    sf.adlog=Button(sf.regf1,text="Administrator
Login",command=lambda:sf.Adminlogin(),cursor="hand2",bg="#0b1335",f
g="white",font=("default",16))

    sf.adlog.place(x=950,y=100)
```

```

sf.abt=Button(sf.regf1,text="About
Us",command=lambda:sf.about(),bg="#0b1335",cursor="hand2",fg="white"
,font=("default",16))

sf.abt.place(x=1210,y=100)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.tim=Label(sf.regf1,text=sf.localtime,fg="white",font=("default",16),bg="
#0b1335")

sf.tim.place(x=925,y=50)

sf.regf1.pack(fill=BOTH,expand=1)

sf.regf2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.regf2,height=618,width=1366)

sf.c.pack()

sf.logo1=PhotoImage(file="bg.png")

sf.c.create_image(683,309,image=sf.logo1)

sf.c.create_rectangle(150,100,1216,450,fill="#d3ede6",outline="white",widt
h=6)

```

```
sf.log=Label(sf.regf2,text="REGISTRATION",fg="white",bg="#0b1335",width=20,font=("cooper black",27))
```

```
sf.log.place(x=480,y=120)
```

```
sf.lab1=Label(sf.regf2,text="FirstName",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab1.place(x=190,y=200)
```

```
sf.first=Entry(sf.regf2,bg="white",width=15,font=("cooper black",18),bd=5)
```

```
sf.first.place(x=430,y=200)
```

```
sf.lab2=Label(sf.regf2,text="LastName",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab2.place(x=730,y=200)
```

```
sf.last=Entry(sf.regf2,bg="white",width=15,font=("cooper black",18),bd=5)
```

```
sf.last.place(x=920,y=200)
```

```
sf.lab3=Label(sf.regf2,text="Username",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab3.place(x=190,y=250)
```

```
sf.usern=Entry(sf.regf2,bg="white",width=15,font=("cooper  
black",18),bd=5)
```

```
sf.usern.place(x=430,y=250)
```

```
sf.lab4=Label(sf.regf2,text="Password",bg="#d3ede6",font=("cooper  
black",18))
```

```
sf.lab4.place(x=730,y=250)
```

```
sf.passd=Entry(sf.regf2,bg="white",width=15,font=("cooper  
black",18),bd=5)
```

```
sf.passd.place(x=920,y=250)
```

```
sf.lab5=Label(sf.regf2,text="Email",bg="#d3ede6",font=("cooper  
black",18))
```

```
sf.lab5.place(x=190,y=300)
```

```
sf.email=Entry(sf.regf2,bg="white",width=15,font=("cooper  
black",18),bd=5)
```

```
sf.email.place(x=430,y=300)
```

```
sf.lab6=Label(sf.regf2,text="Mobile No.",bg="#d3ede6",font=("cooper  
black",18))
```

```
sf.lab6.place(x=730,y=300)
```

```
sf.mob=Entry(sf.regf2,bg="white",width=15,font=("cooper  
black",18),bd=5)
```

```
sf.mob.place(x=920,y=300)
```

```
sf.bc=Button(sf.regf2,text="Back",cursor="hand2",command=lambda:sf.Login(),fg="white",bg="#0b1335",font=("cooper black",18),bd=5)
```

```
sf.bc.place(x=370,y=370)
```

```
sf.rg=Button(sf.regf2,text="Register",cursor="hand2",fg="white",bg="#0b1335",command=lambda:sf.Regdatabase(),font=("cooper black",18),bd=5)
```

```
sf.rg.place(x=610,y=370)
```

```
def clear(sf):
```

```
    sf.usern.delete(0,END)
```

```
    sf.passd.delete(0,END)
```

```
    sf.first.delete(0,END)
```

```
    sf.last.delete(0,END)
```

```
    sf.email.delete(0,END)
```

```
    sf.mob.delete(0,END)
```

```
sf.cl=Button(sf.regf2,text="Clear",cursor="hand2",fg="white",bg="#0b1335",command=lambda:clear(sf),font=("cooper black",18),bd=5)
```

```
sf.cl.place(x=910,y=370)

sf.regf2.pack(fill=BOTH,expand=1)

sf.scr.mainloop()

def resultreg(sf):

    sf.reguser=sf.usern.get()

    sf.regpasd=sf.passd.get()

    sf.firstname=sf.first.get()

    sf.lastname=sf.last.get()

    sf.Email=sf.email.get()

    sf.Mob=sf.mob.get()

    return sf.reguser,sf.regpasd,sf.firstname,sf.lastname,sf.Email,sf.Mob
```

#-- page 5-----

```
def adminmain(sf):

    sf.scr.destroy()

    sf.scr = Tk()

    #sf.scr.config(bg="#f2e8b8")
```

```

sf.scr.title("Dheeraj Grocery Shop")

sf.scr.geometry("1366x768")


sf.admainf1=Frame(sf.scr,bg="#f2e8b8",height=150,width=1366)

sf.admainf1.pack(side=TOP,fill=BOTH)

sf.c=Canvas(sf.admainf1,height=150,bg="#f2e8b8",width=1366)

sf.c.pack()

sf.logo=PhotoImage(file="logo2.png")

sf.c.create_image(683,50,image=sf.logo)

sf.localtime=time.asctime(time.localtime(time.time()))


sf.c.create_text(900,50,text=sf.localtime,fill="white",font=("default",16))

sf.c.create_text(683,125,font=( 'Cooper Black' ,25, 'bold','underline'
),text="Management System")

sf.out=Button(sf.admainf1,text="Log
Out",bg="#0b1335",cursor="hand2",command=lambda:sf.Adminlogin(),fg=
"white",bd=5,font=("default",16,'bold'))

sf.out.place(x=1100,y=25)

```



```

def Ref(sf):

    sf.con=connect("pizza.db")

    ##      sf.x=random.randint(100, 500)

    ##      sf.randomRef = str(sf.x)

    sf.cur=sf.con.cursor()

    try:

        sf.cur.execute("create table orderdetail(id integer primary
key,username varchar(50),name varchar(50),mobile varchar(50),money
varchar(10) not null,address varchar ,orderdet varchar not null)")

        sf.con.commit()

    except:

        pass

    x=sf.cur.execute("select count(*) from orderdetail")

    ordno=list(x)[0][0]+1

    sf.order.set(ordno)


    sf.v1=sf.vp1.get()

    if sf.v1=="Medium":

```

```

        sf.p1=float(sf.Chilli_Powder.get())*450

elif sf.v1=="Large":

    sf.p1=float(sf.Chilli_Powder.get())*650

else:

    sf.p1=float(sf.Chilli_Powder.get())*250

sf.v2=sf.vp2.get()

if sf.v2=="Medium":

    sf.p2= float(sf.Turmeric_Powder.get())*400

elif sf.v2=="Large":

    sf.p2= float(sf.Turmeric_Powder.get())*600

else:

    sf.p2= float(sf.Turmeric_Powder.get())*250

sf.v3=sf.vp3.get()

if sf.v3=="Medium":

    sf.p3= float(sf.Pepper.get())*385

elif sf.v3=="Large":

    sf.p3= float(sf.Pepper.get())*550

```

else:

sf.p3= float(sf.Pepper.get())\*225

sf.v4=sf.vp4.get()

if sf.v4=="Medium":

sf.p4= float(sf.Ginger.get())\*195

elif sf.v4=="Large":

sf.p4= float(sf.Ginger.get())\*385

else:

sf.p4= float(sf.Ginger.get())\*99 #change here

sf.v5=sf.vp5.get()

if sf.v5=="Medium":

sf.p5= float(sf.Kideny\_Bean.get())\*450 #Pulses

elif sf.v5=="Large":

sf.p5= float(sf.Kideny\_Bean.get())\*650

else:

sf.p5= float(sf.Kideny\_Bean.get())\*250

sf.v6=sf.vp6.get()

```

if sf.v6=="Medium":

    sf.p6= float(sf.Channa_Dal.get())*400

elif sf.v6=="Large":

    sf.p6= float(sf.Channa_Dal.get())*600

else:

    sf.p6= float(sf.Channa_Dal.get())*225

sf.v7=sf.vp7.get()

if sf.v7=="Medium":

    sf.p7= float(sf.Green_Gram.get())*385

elif sf.v7=="Large":

    sf.p7= float(sf.Green_Gram.get())*550

else:

    sf.p7= float(sf.Green_Gram.get())*225

sf.v8=sf.vp8.get()

if sf.v8=="Medium":

    sf.p8= float(sf.Broad_Bean.get())*195

elif sf.v8=="Large":

```

```
sf.p8= float(sf.Broad_Bean.get())*385
```

```
else:
```

```
sf.p8= float(sf.Broad_Bean.get())*99 #
```

```
sf.p9= float(sf.Roasted_Chicken.get())*109
```

```
sf.p10= float(sf.Chicken_Meatballs.get())*99
```

```
sf.p11= float(sf.Boneles_sChicken.get())*139
```

```
sf.p12= float(sf.Coke_Mobile.get())*45
```

```
sf.p13= float(sf.Burger_Pizza.get())*99
```

```
sf.p14= float(sf.White_Pasta.get())*135
```

```
sf.costofmeal = "Rs.",str('% .2f'%  
(sf.p1+sf.p2+sf.p3+sf.p4+sf.p5+sf.p6+sf.p7+sf.p8+sf.p9+sf.p10+sf.p11+sf.p  
12+sf.p13+sf.p14))
```

```
sf.PayTax=((sf.p1+sf.p2+sf.p3+sf.p4+sf.p5+sf.p6+sf.p7+sf.p8+sf.p9+sf.p10  
+sf.p11+sf.p12+sf.p13+sf.p14)*.05)
```

```
sf.Totalcost=(sf.p1+sf.p2+sf.p3+sf.p4+sf.p5+sf.p6+sf.p7+sf.p8+sf.p9+sf.p1  
0+sf.p11+sf.p12+sf.p13+sf.p14)
```

```
sf.Ser_Charge=((sf.p1+sf.p2+sf.p3+sf.p4+sf.p5+sf.p6+sf.p7+sf.p8+sf.p9+sf.p10+sf.p11+sf.p12+sf.p13+sf.p14)/99)
```

```
sf.Service="Rs."+str('% .2f' % sf.Ser_Charge)
```

```
sf.OverAllCost="Rs."+str(int(sf.PayTax + sf.Totalcost + sf.Ser_Charge))
```

```
sf.PaidTax="Rs."+str('% .2f' % sf.PayTax)
```

```
sf.money=int(sf.PayTax + sf.Totalcost + sf.Ser_Charge)
```

```
sf.Service_Charge.set(sf.Service)
```

```
sf.cost.set(sf.costofmeal)
```

```
sf.Tax.set(sf.PaidTax)
```

```
sf.Total.set(sf.OverAllCost)
```

```
def reset(sf):
```

```
sf.Chilli_Powder.set("0")
```

```
sf.Turmeric_Powder.set("0")
```

```
sf.Pepper.set("0")
```

```
sf.Ginger.set("0")
```

sf.Kideny\_Bean.set("0")  
sf.Channa\_Dal.set("0")  
sf.Green\_Gram.set("0")  
sf.Broad\_Bean.set("0")#  
sf.Coke\_Mobile.set("0")  
sf.Burger\_Pizza.set("0")  
sf.White\_Pasta.set("0")  
sf.Roasted\_Chicken.set("0")  
sf.Chicken\_Meatballs.set("0")  
sf.Boneles\_sChicken.set("0")  
sf.Total.set("0")  
sf.Service\_Charge.set("0")  
sf.Tax.set("0")  
sf.cost.set("0")  
sf.order.set("0")  
sf.Cutomer\_name.set("")  
sf.cusmob.set("")

```

sf.vp1.set("Medium")

sf.vp2.set("Medium")

sf.vp3.set("Medium")

sf.vp4.set("Medium")

sf.vp5.set("Medium")

sf.vp6.set("Medium")

sf.vp7.set("Medium")

sf.vp8.set("Medium")

def price(sf):

    sf.roo = Tk()

    sf.roo.geometry("600x768+0+0")

    sf.roo.title("Price List")

    sf.lblinfo = Label(sf.roo, font=('aria', 18, 'bold'), text="ITEM",
fg="black", bd=5)

    sf.lblinfo.grid(row=0, column=0)

    sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Spices",
fg="black", anchor=W)

    sf.lblinfo.grid(row=1, column=1)

```



```
sf.lblinfo = Label(sf.roo, font=('aria', 15),  
text="(Medium/Large/Regular)", fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=1, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 18, 'bold'), text="PRICE",  
fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=0, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Chilli  
Powder", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=2, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹450/₹650/₹250", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=2, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Turmeric  
Powder", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=3, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹400/₹600/₹250", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=3, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="5 sf.Pepper",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=4, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹385/₹550/₹225", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=4, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="sf.Ginger",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=5, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹195/₹385/₹99", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=5, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Pulses",  
fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=6, column=1)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15),  
text="(Medium/Large/Regular)", fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=6, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Kideny Bean",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=7, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹450/₹650/₹250", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=7, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Channa Dal",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=8, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹400/₹600/₹250", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=8, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Green Gram",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=9, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹385/₹550/₹225", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=9, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Broad Bean",  
fg="steel blue", anchor=W)#
```

```
sf.lblinfo.grid(row=10, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'),  
text="₹195/₹385/₹99", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=10, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Specialty  
Chicken", fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=11, column=1)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Roasted  
Chicken", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=12, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹109",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=12, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Chicken  
Meatballs", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=13, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹99",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=13, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Boneless  
Chicken", fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=14, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹139",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=14, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Sides &  
Beverages", fg="black", anchor=W)
```

```
sf.lblinfo.grid(row=15, column=1)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Coke Mobile",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=16, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹45",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=16, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="Burger Pizza",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=17, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹99",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=17, column=2)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="White Pasta",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=18, column=0)
```

```
sf.lblinfo = Label(sf.roo, font=('aria', 15, 'bold'), text="₹135",  
fg="steel blue", anchor=W)
```

```
sf.lblinfo.grid(row=18, column=2)
```

```
sf.roo.mainloop()
```

```
sf.admainf2 = Frame(sf.scr,width  
=1366,bg="#f2e8b8",height=618,relief=SUNKEN)
```

```
sf.admainf2.pack(side=BOTTOM,fill=BOTH,expand=1)
```

```
sf.Chilli_Powder= StringVar()
```

```
sf.Turmeric_Powder = StringVar()
```

```
sf.Pepper = StringVar()
```

```
sf.Ginger= StringVar()
```

```
sf.Kideny_Bean = StringVar()
```

sf.Channa\_Dal = StringVar()  
sf.Green\_Gram= StringVar()  
sf.Broad\_Bean= StringVar()#  
sf.Coke\_Mobile = StringVar()  
sf.Burger\_Pizza = StringVar()  
sf.White\_Pasta = StringVar()  
sf.Roasted\_Chicken= StringVar()  
sf.Chicken\_Meatballs = StringVar()  
sf.Boneles\_sChicken = StringVar()  
sf.Total = StringVar()  
sf.Service\_Charge= StringVar()  
sf.Tax = StringVar()  
sf.cost = StringVar()  
sf.order=StringVar()  
sf.Cutomer\_name =StringVar()  
sf.cusmob = StringVar()  
sf.vp1=StringVar()

```
sf.vp2=StringVar()
```

```
sf.vp3=StringVar()
```

```
sf.vp4=StringVar()
```

```
sf.vp5=StringVar()
```

```
sf.vp6=StringVar()
```

```
sf.vp7=StringVar()
```

```
sf.vp8=StringVar()
```

```
reset(sf)
```

```
sf.l=["Medium","Large","Regular"]
```

```
#Spices
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'  
,20),bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=0,column=1)
```

```
sf.lbl1 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,20,  
'bold','underline' ),bg="#f2e8b8",text="Spices",bd=10,anchor='w')
```

```
sf.lbl1.place(x=180,y=0)
```



```

sf.lbl11 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=6,bg="#f2e8b8",text="Items",bd=6,anchor='w')

sf.lbl11.grid(row=1,column=0)

sf.lbl12 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=7,bg="#f2e8b8",text="Size",bd=6,anchor='w')

sf.lbl12.grid(row=1,column=1)

sf.lbl13 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=8,bg="#f2e8b8",text="Quantity",bd=6,anchor='w')

sf.lbl13.grid(row=1,column=2,padx=4)


sf.lbl1del = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Deluxe Veggie:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')

sf.lbl1del.grid(row=2,column=0)

sf.opdel=OptionMenu(sf.admainf2,sf.vp1,*sf.l)

sf.opdel.config(width=6)

sf.opdel.grid(row=2,column=1)

sf.txt1del= Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Deluxe_Veggie , bd=6,width=4,bg="powder blue"
,justify='right')

```

```
sf.txtdel.grid(row=2,column=2)
```

```
sf.lblvaga = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Veg Vaganza:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblvaga.grid(row=3,column=0)
```

```
sf.opvaga=OptionMenu(sf.admainf2,sf.vp2,*sf.l)
```

```
sf.opvaga.config(width=6)
```

```
sf.opvaga.grid(row=3,column=1)
```

```
sf.txtvaga = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Veg_Vaganza , bd=6,width=4,bg="powder blue"  
,justify='right')
```

```
sf.txtvaga.grid(row=3,column=2)
```

```
sf.lblpep= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold' ),text=" 5  
Pepper:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblpep.grid(row=4,column=0)
```

```
sf.oppep=OptionMenu(sf.admainf2,sf.vp3,*sf.l)
```

```
sf.oppep.config(width=6)
```

```
sf.oppep.grid(row=4,column=1)
```

```
sf.txtpep= Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Pepper ,bd=6,width=4,bg="powder blue" ,justify='right')
```

```
sf.txtpep.grid(row=4,column=2)
```

```
sf.lblmag = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Margherita:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblmag.grid(row=5,column=0)
```

```
sf.opmag=OptionMenu(sf.admainf2,sf.vp4,*sf.l)
```

```
sf.opmag.config(width=6)
```

```
sf.opmag.grid(row=5,column=1)
```

```
sf.txtmag = Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Margherita,width=4,bg="powder blue",bd=6 ,justify='right')
```

```
sf.txtmag.grid(row=5,column=2)
```

```
#Pulses
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'
,20),bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=6,column=1)
```

```

sf.lbl2 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,20,
'bold','underline' ),bg="#f2e8b8",text="Pulses",bd=10,anchor='w')

sf.lbl2.place(x=150,y=290)

sf.lbl21 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=6,bg="#f2e8b8",text="Items",bd=6,anchor='w')

sf.lbl21.grid(row=7,column=0)

sf.lbl22 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=7,bg="#f2e8b8",text="Size",bd=6,anchor='w')

sf.lbl22.grid(row=7,column=1)

sf.lbl23 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'
,16,'underline' ),width=8,bg="#f2e8b8",text="Quantity",bd=6,anchor='w')

sf.lbl23.grid(row=7,column=2)


sf.lblsup= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Non-Veg Supreme:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')

sf.lblsup.grid(row=8,column=0)

sf.opsup=OptionMenu(sf.admainf2,sf.vp5,*sf.l)

sf.opsup.config(width=6)

sf.opsup.grid(row=8,column=1)

```

```
sf.txtsup= Entry(sf.admainf2,width=4,font=('ariel' ,16,'bold'),  
textvariable=sf.Non_Veg_Supreme , bd=6,bg="powder blue" ,justify='right')
```

```
sf.txtsup.grid(row=8,column=2)
```

```
sf.lbltika = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Chicken Tikka:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lbltika.grid(row=9,column=0)
```

```
sf.optika=OptionMenu(sf.admainf2,sf.vp6,*sf.l)
```

```
sf.optika.config(width=6)
```

```
sf.optika.grid(row=9,column=1)
```

```
sf.txttika = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Chicken_Tikka , bd=6,width=4,bg="powder blue"  
,justify='right')
```

```
sf.txttika.grid(row=9,column=2)
```

```
sf.lblsaus= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Chicken Sausage:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblsaus.grid(row=10,column=0)
```

```
sf.opsaus=OptionMenu(sf.admainf2,sf.vp7,*sf.l)
```

```

sf.opsaus.config(width=6)

sf.opsaus.grid(row=10,column=1)

sf.txtsaus= Entry(sf.admainf2,width=4,font=('ariel' ,16,'bold'),
textvariable=sf.Chicken_Sausage , bd=6,bg="powder blue" ,justify='right')

sf.txtsaus.grid(row=10,column=2)


sf.lblperi = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Chicken Peri:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')

sf.lblperi.grid(row=11,column=0)

sf.opperi=OptionMenu(sf.admainf2,sf.vp8,*sf.l)

sf.opperi.config(width=6)

sf.opperi.grid(row=11,column=1)

sf.txtperi= Entry(sf.admainf2,font=('ariel' ,16,'bold'),width=4,
textvariable=sf.Chicken_Peri , bd=6,bg="powder blue" ,justify='right')

sf.txtperi.grid(row=11,column=2)


#Special

sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'
,20),bg="#f2e8b8",bd=10,anchor='w')

```

```
sf.non.grid(row=0,column=5)
```

```
sf.lbl3 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,20,  
'bold','underline' ),bg="#f2e8b8",text="Specialty",bd=10,anchor='w')
```

```
sf.lbl3.place(x=550,y=0)
```

```
sf.lbl31 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'  
,16,'underline' ),width=6,bg="#f2e8b8",text="Items",bd=6,anchor='w')
```

```
sf.lbl31.grid(row=1,column=4)
```

```
sf.lbl33 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'  
,16,'underline' ),width=8,bg="#f2e8b8",text="Quantity",bd=6,anchor='w')
```

```
sf.lbl33.grid(row=1,column=5)
```

```
sf.lblros= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Roasted Chicken:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblros.grid(row=2,column=4)
```

```
sf.txtros= Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Roasted_Chicken , bd=6,width=4,bg="powder blue"  
,justify='right')
```

```
sf.txtros.grid(row=2,column=5)
```

```
sf.lblmeat = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Chicken Meatballs:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblmeat.grid(row=3,column=4)
```

```
sf.txtmeat = Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Chicken_Meatballs , bd=6,width=4,bg="powder blue"
,justify='right')
```

```
sf.txtmeat.grid(row=3,column=5)
```

```
sf.lblbon= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Boneless Chicken:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblbon.grid(row=4,column=4)
```

```
sf.txtbon= Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Boneles_sChicken,bd=6,width=4,bg="powder blue"
,justify='right')
```

```
sf.txtbon.grid(row=4,column=5)
```

```
#Sides
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'
,20),bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=6,column=4)
```



```
sf.lbl4 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,20,  
'bold','underline' ),bg="#f2e8b8",text="Sides &  
Beverages",bd=10,anchor='w')
```

```
sf.lbl4.place(x=500,y=290)
```

```
sf.lbl41 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'  
,16,'underline' ),width=6,bg="#f2e8b8",text="Items",bd=6,anchor='w')
```

```
sf.lbl41.grid(row=7,column=4)
```

```
sf.lbl43 = Label(sf.admainf2,pady=2, font=( 'Cooper Black'  
,16,'underline' ),width=8,bg="#f2e8b8",text="Quantity",bd=6,anchor='w')
```

```
sf.lbl43.grid(row=7,column=5)
```

```
sf.lblcok= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Coke Mobile:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblcok.grid(row=8,column=4)
```

```
sf.txtcok= Entry(sf.admainf2,width=4,font=('ariel' ,16,'bold'),  
textvariable=sf.Coke_Mobile , bd=6,bg="powder blue" ,justify='right')
```

```
sf.txtcok.grid(row=8,column=5)
```

```
sf.lblbur = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Burger Pizza:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblbur.grid(row=9,column=4)
```

```
sf.txtbur = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Burger_Pizza , bd=6,width=4,bg="powder blue"  
,justify='right')
```

```
sf.txtbur.grid(row=9,column=5)
```

```
sf.lblpas= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="White Pasta:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblpas.grid(row=10,column=4)
```

```
sf.txtpas= Entry(sf.admainf2,width=4,font=('ariel' ,16,'bold'),  
textvariable=sf.White_Pasta , bd=6,bg="powder blue" ,justify='right')
```

```
sf.txtpas.grid(row=10,column=5)
```

```
# customer
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'  
,20),bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=0,column=8)
```

```
sf.lbl6 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,22,  
'bold','underline' ),bg="#f2e8b8",text="Customer Detail",bd=10,anchor='w')
```

```
sf.lbl6.place(x=970,y=0)
```

```
sf.lblnam= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,width=10,text="    Name:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblnam.grid(row=1,column=7)
```

```
sf.txtnam= Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Cutomer_name , bd=6,width=14,bg="powder blue"  
,justify='left')
```

```
sf.txtnam.grid(row=1,column=8)
```

```
sf.lblmob = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Mobile No:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblmob.grid(row=2,column=7)
```

```
sf.txtmob = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.cusmob,width=14,bd=6,bg="powder blue" ,justify='left')
```

```
sf.txtmob.grid(row=2,column=8)
```

```
#bill
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'
,20),bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=3,column=8)
```

```
sf.lbl5 = Label(sf.admainf2,pady=2, font=( 'Cooper Black' ,22,
'bold','underline' ),bg="#f2e8b8",text="Bill Payment",bd=10,anchor='w')
```

```
sf.lbl5.place(x=1000,y=140)
```

```
sf.non=Label(sf.admainf2,pady=2,text=(" "),font=( 'Cooper Black'
,20),width=5,bg="#f2e8b8",bd=10,anchor='w')
```

```
sf.non.grid(row=4,column=6)
```

```
sf.lblord= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),width=10,text=" Order
No:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblord.grid(row=4,column=7)
```

```
sf.txtord= Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.order , bd=6,width=14,bg="powder blue" ,justify='right')
```

```
sf.txtord.grid(row=4,column=8)
```

```
sf.lblco = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Subtotal:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblco.grid(row=5,column=7)
```

```
sf.txtco = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.cost,width=14,bd=6,bg="powder blue" ,justify='right')
```

```
sf.txtco.grid(row=5,column=8)
```

```
sf.lblser= Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Service Charge:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lblser.grid(row=6,column=7)
```

```
sf.txtser= Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Service_Charge ,width=14,bd=6,bg="powder blue"  
,justify='right')
```

```
sf.txtser.grid(row=6,column=8)
```

```
sf.lbltax = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'  
,text="Tax:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lbltax.grid(row=7,column=7)
```

```
sf.txttax = Entry(sf.admainf2,font=('ariel' ,16,'bold'),  
textvariable=sf.Tax, bd=6,width=14,bg="powder blue" ,justify='right')
```

```
sf.txttax.grid(row=7,column=8)
```

```
sf.lbltot = Label(sf.admainf2,pady=2, font=( 'aria' ,16, 'bold'
),text="Total:",bg="#f2e8b8",fg="#7769ad",bd=6,anchor='w')
```

```
sf.lbltot.grid(row=8,column=7)
```

```
sf.txttot = Entry(sf.admainf2,font=('ariel' ,16,'bold'),
textvariable=sf.Total, bd=6,width=14,bg="powder blue" ,justify='right')
```

```
sf.txttot.grid(row=8,column=8)
```

```
sf.btnprice=Button(sf.admainf2,pady=2,bd=6 ,fg="black",font=('ariel'
,16,'bold'),width=6, text="PRICE", bg="powder
blue",command=lambda:price(sf))
```

```
sf.btnprice.place(x=970,y=440)
```

```
sf.btnTotal=Button(sf.admainf2,pady=2,bd=6,fg="black",font=('ariel'
,16,'bold'),width=6, text="TOTAL", bg="powder
blue",command=lambda:Ref(sf))
```

```
sf.btnTotal.place(x=1160,y=440)
```

```
sf.btnreset=Button(sf.admainf2,pady=2,bd=6 ,fg="black",font=('ariel',16,'bold'),width=6, text="RESET", bg="powder blue",command=lambda:reset(sf))
```

```
sf.btnreset.place(x=970,y=500)
```

```
sf.btnpay=Button(sf.admainf2,pady=2, bd=6 ,fg="black",font=('ariel',16,'bold'),width=6, text="PAY", bg="powder blue",command=lambda:sf.adminorderdetail())
```

```
sf.btnpay.place(x=1160,y=500)
```

```
sf.scr.mainloop()
```

```
def resultadminorder(sf):
```

```
    r1=sf.Deluxe_Veggie.get()
```

```
    r2=sf.Veg_Vaganza.get()
```

```
    r3=sf.Pepper.get()
```

```
    r4=sf.Margherita.get()
```

```
    r5=sf.Non_Veg_Supreme.get()
```

```
    r6=sf.Chicken_Tikka.get()
```

```
    r7=sf.Chicken_Sausage.get()
```

r8=sf.Chicken\_Peri.get()

r9=sf.Coke\_Mobile.get()

r10=sf.Burger\_Pizza.get()

r11=sf.White\_Pasta.get()

r12=sf.Roasted\_Chicken.get()

r13=sf.Chicken\_Meatballs.get()

r14=sf.Boneles\_sChicken.get()

r20=sf.Cutomer\_name.get()

r21=sf.cusmob.get()

r22=sf.vp1.get()

r23=sf.vp2.get()

r24=sf.vp3.get()

r25=sf.vp4.get()

r26=sf.vp5.get()

r27=sf.vp6.get()

r28=sf.vp7.get()

r29=sf.vp8.get()



r30=sf.txtdel.get()

r31=sf.txtvaga.get()

r32=sf.txtpep.get()

r33=sf.txtmag.get()

r34=sf.txtsup.get()

r35=sf.txttika.get()

r36=sf.txtsaus.get()

r37=sf.txtperi.get()

r38=sf.txtros.get()

r39=sf.txtmeat.get()

r40=sf.txtbon.get()

r41=sf.txtcok.get()

r42=sf.txtbur.get()

r43=sf.txtpas.get()

l1=[r1,r22,30]

l2=[r2,r23,31]

l3=[r3,r24,32]

l4=[r4,r25,33]

l5=[r5,r26,34]

l6=[r6,r27,35]

l7=[r7,r28,36]

l8=[r8,r29,37]

l9=[r12,r38]

l10=[r13,r39]

l11=[r14,r40]

l12=[r9,r41]

l13=[r10,r42]

l14=[r11,r43]

return r20,r21,l1,l2,l3,l4,l5,l6,l7,l8,l9,l10,l11,l12,l13,l14

#-- page 6-----

\*\*\*\*\*MENU\*\*\*\*\*

```

def menulist(sf,x):

    sf.x=x

    sf.scr.destroy()

    sf.scr=Tk()

    sf.scr.title("Deepak's Pizza")

    sf.scr.geometry("1366x768")

    #sf.scr.resizable(False, False)

    sf.menuf1=Frame(sf.scr,height=150,width=1366)

    sf.c=Canvas(sf.menuf1,height=150,width=1366)

    sf.c.pack()

    sf.logo=PhotoImage(file="logo.PNG")

    sf.c.create_image(683,75,image=sf.logo)

    sf.home=Button(sf.menuf1,text="Log
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",16,'bold'))

    sf.home.place(x=1000,y=90)

    sf.localtime=time.asctime(time.localtime(time.time()))

```

```
sf.c.create_text(1000,50,text=sf.localtime,fill="white",font=("default",16))
```

```
sf.menuf1.pack(fill=BOTH,expand=1)
```

```
sf.menuf2=Frame(sf.scr,height=618,width=1366)
```

```
sf.c=Canvas(sf.menuf2,height=618,width=1366)
```

```
sf.c.pack()
```

```
sf.logo1=PhotoImage(file="bg.png")
```

```
sf.c.create_image(683,309,image=sf.logo1)
```

```
sf.c.create_rectangle(50, 140, 1316,  
420,fill="#d3ede6",outline="white",width=6)
```

```
sf.veg=PhotoImage(file="spice.png")
```

```
sf.c.create_image(430,250,image=sf.veg)
```

```
sf.vegbut=Button(sf.menuf2,text="Spices",cursor="hand2",fg="white",com  
mand=lambda:sf.vegpizza(sf.x),bg="#0b1335",bd=5,font=("default",18,'bol  
d'))
```

```
sf.vegbut.place(x=370,y=350)
```

```
sf.nonveg=PhotoImage(file="puls.png")
```

```
sf.c.create_image(840,250,image=sf.nonveg)
```

```
sf.nonvegbut=Button(sf.menuf2,text="Pulses",cursor="hand2",fg="white",c  
ommand=lambda:sf.nonvegpiz(sf.x),bg="#0b1335",bd=5,font=("default",18,  
'bold'))
```

```
sf.nonvegbut.place(x=740,y=350)
```

```
sf.menuf2.pack(fill=BOTH,expand=0)
```

```
sf.scr.mainloop()
```

#-- page 7----- \*\*\*\*\*Main Page after login \*\*\*\*\*

```
def pizmain(sf):

    sf.scr.destroy()

    sf.scr=Tk()

    sf.scr.title("Grocery Center")

    sf.scr.geometry("1366x768")

    #sf.scr.resizable(False, False)

    sf.pizf1=Frame(sf.scr,height=150,width=1366)

    sf.c=Canvas(sf.pizf1,height=150,width=1366)

    sf.c.pack()

    sf.logo=PhotoImage(file="logo.PNG")

    sf.c.create_image(683,75,image=sf.logo)

    sf.c.create_text(950,80,text="WELCOME",fill="white",font=("default",20))

    sf.name=" Dheeraj Panwar"

    sf.c.create_text(950,120,text=sf.name,fill="white",font=("default",18))
```

```

sf.out=Button(sf.pizf1,text="Log
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",font=("default",16))

sf.out.place(x=1200,y=100)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.c.create_text(1000,40,text=sf.localtime,fill="white",font=("default",16))

sf.pizf1.pack(fill=BOTH,expand=1)


sf.pizf2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.pizf2,height=618,width=1366)

sf.c.pack()

sf.logo1=PhotoImage(file="bg.png")#bg

sf.c.create_image(683,309,image=sf.logo1)


sf.c.create_rectangle(400,120,966,470,fill="#d3ede6",outline="white",width
=2)

sf.deli=PhotoImage(file="delvy.png")

sf.c.create_image(540,260,image=sf.deli)

```

```
sf.pic=PhotoImage(file="pck.png")
```

```
sf.c.create_image(825,260,image=sf.pic)
```

```
sf.de=Button(sf.pizf2,text="Delivery",cursor="hand2",fg="white",command  
=lambda:sf.menulist("deli"),bg="#0b1335",font=("default",20),bd=5)
```

```
sf.de.place(x=480,y=400)
```

```
sf.pu=Button(sf.pizf2,text="Pick  
Up",cursor="hand2",fg="white",command=lambda:sf.menulist("pick"),bg="#  
0b1335",font=("default",20),bd=5)
```

```
sf.pu.place(x=770,y=400)
```

```
sf.c.create_rectangle(405,125,678,465,outline="black",width=2)
```

```
sf.c.create_rectangle(688,125,960,465,outline="black",width=2)
```

```
sf.pizf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

```
#-- page 8-----
```

```
def vegpizza(sf,x):
```

```
sf.x=x
```

```
sf.scr.destroy()
```



```

sf.scr=Tk()

sf.scr.title("Grocery Center")

sf.scr.geometry("1366x768")

#sf.scr.resizable(False, False)

sf.vegfl=Frame(sf.scr,height=150,width=1366)

sf.c=Canvas(sf.vegfl,height=150,width=1366)

sf.c.pack()

sf.logo=PhotoImage(file="logo.PNG")

sf.c.create_image(683,75,image=sf.logo)

sf.home=Button(sf.vegfl,text="Log
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",16,'bold'))

sf.home.place(x=1000,y=90)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.c.create_text(1000,50,text=sf.localtime,fill="white",font=("default",16))

sf.vegfl.pack(fill=BOTH,expand=1)

```

```
sf.veg2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.veg2,height=618,width=1366)

sf.c.pack()

sf.logo1=PhotoImage(file="bg.png")

sf.c.create_image(683,309,image=sf.logo1)

sf.log=Label(sf.veg2,text="SPICES",bg="#9db1f2",font=("Cooper
Black",22))

sf.log.place(x=600,y=4)

sf.c.create_rectangle(400, 40, 966,
540,fill="#d3ede6",outline="white",width=6)

sf.q1=StringVar()

sf.q2=StringVar()

sf.q3=StringVar()

sf.q4=StringVar()

sf.q1.set("0")

sf.q2.set("0")

sf.q3.set("0")
```

```

sf.q4.set("0")

# pizza 1

sf.c.create_rectangle(405, 50, 960, 170,width=2)

sf.delu=PhotoImage(file="turm.png")

sf.c.create_image(470,110,image=sf.delu)

sf.c.create_text(650,80,text="Turmeric",fill="#000000",font=("Cooper
Black",20))

sf.c.create_text(860,80,text="₹450/₹650/₹250",fill="#ff3838",font=("default
",17,'bold'))

#ch1=sf.check(sf.vegf2,100)

sf.v1=IntVar()

sf.C11=Radiobutton(sf.vegf2,text = "1 KG",value=10,variable=sf.v1)

sf.C11.place(x=550,y=100)

sf.C12 = Radiobutton(sf.vegf2, text = "500 G",value = 20, variable
=sf.v1)

sf.C12.place(x=650,y=100)

sf.C13 = Radiobutton(sf.vegf2, text = "250 G",value = 30, variable
=sf.v1)

```

```

sf.C13.place(x=750,y=100)

sf.C11.select()

sf.C11.deselect()

sf.C11.invoke()

sf.c.create_text(590,150,text="Quantity :
",fill="#000000",font=("default",12))

sf.qty1=Entry(sf.veg2,textvariable=sf.q1,bg="#aae2d7",font=("default",12),
width=4,)

sf.qty1.place(x=650,y=140)

sf.add1=Button(sf.veg2,text="ADD",command=lambda:addch1(),bg="#0b1
335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))

sf.add1.place(x=850,y=120)

def addch1():

    if sf.v1.get()=='10':

        ch1="1 KG"

        pric1=450

    elif sf.v1.get()=='20':

```

```

        ch1="500 G"

        pric1=650

    else:

        ch1="250 G"

        pric1=250

    sf.addlist(["Spices",ch1,sf.q1.get(),pric1*int(sf.q1.get())])


#pizza 2

sf.c.create_rectangle(405, 170, 960, 290,width=2)

sf.vag=PhotoImage(file="red1.png")

sf.c.create_image(470,230,image=sf.vag)

sf.c.create_text(650,200,text="Red Chilli
Powder",fill="#000000",font=("Cooper Black",20))


sf.c.create_text(860,200,text="₹400/₹600/₹250",fill="#ff3838",font=("defau
lt",17,'bold'))

##      ch2=sf.check(sf.vegf2,220)

sf.v2=IntVar()

```

```

sf.C21=Radiobutton(sf.vegf2,text = "1 KG",value=10,variable=sf.v2)

sf.C21.place(x=550,y=220)

sf.C22 = Radiobutton(sf.vegf2, text = "500 G",value = 20, variable
=sf.v2)

sf.C22.place(x=650,y=220)

sf.C23 = Radiobutton(sf.vegf2, text = "250 G",value = 30, variable
=sf.v2)

sf.C23.place(x=750,y=220)

sf.C21.select()

sf.C21.deselect()

sf.C21.invoke()

sf.c.create_text(590,270,text="Quantity :
",fill="#000000",font=("default",12))

sf.qty2=Entry(sf.vegf2,textvariable=sf.q2,bg="#aae2d7",font=("default",12),
width=4,)

sf.qty2.place(x=650,y=260)

sf.add2=Button(sf.vegf2,text="ADD",command=lambda:addch2(),bg="#0b1
335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))

```

```

sf.add2.place(x=850,y=240)

def addch2():

    if sf.v2.get() == 10:

        ch2 = "1 KG"

        pric2 = 400

    elif sf.v2.get() == 20:

        ch2 = "500 G"

        pric2 = 600

    else:

        ch2 = "250 G"

        pric2 = 250

    sf.addlist(["Red Chilli
Powder", ch2, sf.q2.get(), pric2 * int(sf.q2.get())])

#pizza 3

sf.c.create_rectangle(405, 290, 960, 410, width=2)

sf.pep = PhotoImage(file="gin.png")

sf.c.create_image(470, 350, image=sf.pep)

```

```

sf.c.create_text(650,320,text="Ginger
Powder",fill="#000000",font=("Cooper Black",20))

sf.c.create_text(860,320,text="₹385/₹550/₹225",fill="#ff3838",font=("defau
lt",17,'bold'))

#ch3=sf.check(sf.vegf2,340)

sf.v3=IntVar()

sf.C31=Radiobutton(sf.vegf2,text = "500 G",value=10,variable=sf.v3)

sf.C31.place(x=550,y=340)

sf.C32 = Radiobutton(sf.vegf2, text = "300 G",value = 20, variable
=sf.v3)

sf.C32.place(x=650,y=340)

sf.C33 = Radiobutton(sf.vegf2, text = "100 G",value = 30, variable
=sf.v3)

sf.C33.place(x=750,y=340)

sf.C31.select()

sf.C31.deselect()

sf.C31.invoke()

```



```
sf.c.create_text(590,390,text="Quantity :  
",fill="#000000",font=("default",12))
```

```
sf.qty3=Entry(sf.vegf2,textvariable=sf.q3,bg="#aae2d7",font=("default",12),  
width=4,)
```

```
sf.qty3.place(x=650,y=380)
```

```
sf.add3=Button(sf.vegf2,text="ADD",command=lambda:addch3(),bg="#0b1  
335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))
```

```
sf.add3.place(x=850,y=360)
```

```
def addch3():
```

```
    if sf.v3.get() == 10:
```

```
        ch3="500 G"
```

```
        pric3=385
```

```
    elif sf.v3.get() == 20:
```

```
        ch3="300 G"
```

```
        pric3=550
```

```
    else:
```

```

ch3="100 G"

pric3=225

sf.addlist(["Ginger Powder  ",ch3,sf.q3.get(),pric3*int(sf.q3.get())])


#pizza 4

sf.c.create_rectangle(405, 410, 960, 530,width=2)

sf.mag=PhotoImage(file="safron.png")

sf.c.create_image(470,470,image=sf.mag)

sf.c.create_text(650,440,text="Safron",fill="#000000",font=("Cooper
Black",20))

sf.c.create_text(860,440,text="₹195/₹385/₹99",fill="#ff3838",font=("default
",17,'bold'))

#ch4=sf.check(sf.vegf2,460)

sf.v4=IntVar()

sf.C41=Radiobutton(sf.vegf2,text = "500 G",value=10,variable=sf.v4)

sf.C41.place(x=550,y=460)

sf.C42 = Radiobutton(sf.vegf2, text = "300 G",value = 20, variable
=sf.v4)

```

```
sf.C42.place(x=650,y=460)
```

```
sf.C43 = Radiobutton(sf.vegf2, text = "100 G",value = 30, variable  
=sf.v4)
```

```
sf.C43.place(x=750,y=460)
```

```
sf.C41.select()
```

```
sf.C41.deselect()
```

```
sf.C41.invoke()
```

```
sf.c.create_text(590,500,text="Quantity :  
",fill="#000000",font=("default",12))
```

```
sf.qty4=Entry(sf.vegf2,textvariable=sf.q4,bg="#aae2d7",font=("default",12),  
width=4,)
```

```
sf.qty4.place(x=650,y=500)
```

```
sf.add4=Button(sf.vegf2,text="ADD",command=lambda:addch4(),bg="#0b1  
335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))
```

```
sf.add4.place(x=850,y=480)
```

```
def addch4():
```

```
    if sf.v4.get() == 10:
```

```
        ch4="500 G"
```

```
        pric4=195
```

```
    elif sf.v4.get() == 20:
```

```
        ch4="300 G"
```

```
        pric4=385
```

```
    else:
```

```
        ch4="100 G"
```

```
        pric4=99
```

```
    sf.addlist(["Safron  ",ch4,sf.q4.get(),pric4*int(sf.q4.get())])
```

```
    sf.con=Button(sf.vegf2,text="Confirm  
Order",command=lambda:sf.Orderde(sf.x),bg="#0b1335",cursor="hand2",f  
g="white",bd=5,font=("default",18,'bold'))
```

```
    sf.con.place(x=1050,y=250)
```

```
    sf.more=Button(sf.vegf2,text="Add  
More..",command=lambda:sf.menulist(sf.x),bg="#0b1335",cursor="hand2",  
fg="white",bd=5,font=("default",18,'bold'))
```

```
sf.more.place(x=1050,y=350)
```

```
sf.veg2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

##----page 9 -----

```
def addlist(sf,q):
```

```
    if q[-2]!="0" and q[-2].isdigit():
```

```
        sf.cartlist.append(q)
```

```
        sf.amount=sf.amount+q[-1]
```

```
        messagebox.showinfo("Cart","Item Successfully added")
```

```
    else:
```

```
        messagebox.showinfo("Cart","Enter Valid Quantity to add")
```

```
print(sf.cartlist,sf.amount)
```

```
#-- page 10-----
```

```
def nonvegpiz(sf,x):
```

```
    sf.x=x
```

```
    sf.scr.destroy()
```

```
    sf.scr=Tk()
```

```
    sf.scr.title("Grocery Center")
```

```
    sf.scr.geometry("1366x768")
```

```
    #sf.scr.resizable(False, False)
```

```
    sf.nonvegfl=Frame(sf.scr,height=150,width=1366)
```

```
    sf.c=Canvas(sf.nonvegfl,height=150,width=1366)
```

```
    sf.c.pack()
```

```
    sf.logo=PhotoImage(file="logo.PNG")
```

```
    sf.c.create_image(683,75,image=sf.logo)
```

```
    sf.home=Button(sf.nonvegfl,text="Log  
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",16,'bold'))
```

```

sf.home.place(x=1000,y=90)

sf.localtime=time.asctime(time.localtime(time.time()))

sf.c.create_text(1000,50,text=sf.localtime,fill="white",font=("default",16))

sf.nonvegf1.pack(fill=BOTH,expand=1)


sf.nonvegf2=Frame(sf.scr,height=618,width=1366)


sf.c=Canvas(sf.nonvegf2,height=618,width=1366)

sf.c.pack()

sf.logo1=PhotoImage(file="bg.png")

sf.c.create_image(683,309,image=sf.logo1)


sf.log=Label(sf.nonvegf2,text="PULSES",bg="#9db1f2",font=("Cooper
Black",22))

sf.log.place(x=580,y=4)

sf.c.create_rectangle(400, 40, 966,
540,fill="#d3ede6",outline="white",width=6)

sf.q5=StringVar()

```

```

sf.q6=StringVar()

sf.q7=StringVar()

sf.q8=StringVar()

sf.q5.set("0")

sf.q6.set("0")

sf.q7.set("0")

sf.q8.set("0")

# pizza 1

sf.c.create_rectangle(405, 50, 960, 170,width=2)

sf.delu=PhotoImage(file="soya.png")

sf.c.create_image(470,110,image=sf.delu)

sf.c.create_text(650,80,text="Soyabean",fill="#000000",font=("Cooper
Black",20))

sf.c.create_text(860,80,text="₹450/₹650/₹250",fill="#ff3838",font=("default
",17,'bold'))

#ch5=sf.check(sf.nonveg2,100)

sf.v5=IntVar()

```



```

sf.C51=Radiobutton(sf.nonveg2,text = "1
KG",value=10,variable=sf.v5)

sf.C51.place(x=550,y=100)

sf.C52 = Radiobutton(sf.nonveg2, text = "2 KG",value = 20, variable
=sf.v5)

sf.C52.place(x=650,y=100)

sf.C53 = Radiobutton(sf.nonveg2, text = "3 KG",value = 30, variable
=sf.v5)

sf.C53.place(x=750,y=100)

sf.C51.select()

sf.C51.deselect()

sf.C51.invoke()

sf.c.create_text(590,150,text="Quantity :
",fill="#000000",font=("default",12))

sf.qty5=Entry(sf.nonveg2,textvariable=sf.q5,bg="#aae2d7",font=("default",
12),width=4,)

sf.qty5.place(x=650,y=140)

```

```

sf.add5=Button(sf.nonveg2,text="ADD",command=lambda:addch5(),bg="#
0b1335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))

sf.add5.place(x=850,y=120)

def addch5():

    if sf.v5.get()==10:

        ch5="1 KG"

        pric5=450

    elif sf.v5.get()==20:

        ch5="2 KG"

        pric5=650

    else:

        ch5="3 KG"

        pric5=250

    sf.addlist(["Soyabean",ch5,sf.q5.get(),pric5*int(sf.q5.get())])

#pizza 2

sf.c.create_rectangle(405, 170, 960, 290,width=2)

sf.vag=PhotoImage(file="redbin.png")

```

```
sf.c.create_image(470,230,image=sf.vag)
```

```
sf.c.create_text(650,200,text="Red Kidney  
Beans",fill="#000000",font=("Cooper Black",20))
```

```
sf.c.create_text(860,200,text="₹400/₹600/₹250",fill="#ff3838",font=("defau  
lt",17,'bold'))
```

```
#ch6=sf.check(sf.nonvegf2,220)
```

```
sf.v6=IntVar()
```

```
sf.C61=Radiobutton(sf.nonvegf2,text = "1  
KG",value=10,variable=sf.v6)
```

```
sf.C61.place(x=550,y=220)
```

```
sf.C62 = Radiobutton(sf.nonvegf2, text = "2 KG",value = 20, variable  
=sf.v6)
```

```
sf.C62.place(x=650,y=220)
```

```
sf.C63 = Radiobutton(sf.nonvegf2, text = "3 Kg",value = 30, variable  
=sf.v6)
```

```
sf.C63.place(x=750,y=220)
```

```
sf.C61.select()
```

```
sf.C61.deselect()
```

```
sf.C61.invoke()
```

```
sf.c.create_text(590,270,text="Quantity :  
",fill="#000000",font=("default",12))
```

```
sf.qty6=Entry(sf.nonveg2,textvariable=sf.q6,bg="#aae2d7",font=("default",  
12),width=4,)
```

```
sf.qty6.place(x=650,y=260)
```

```
sf.add6=Button(sf.nonveg2,text="ADD",command=lambda:addch6(),bg="#  
0b1335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))
```

```
sf.add6.place(x=850,y=240)
```

```
def addch6():
```

```
    if sf.v6.get()=='10':
```

```
        ch6="1 KG"
```

```
        pric6=400
```

```
    elif sf.v6.get()=='20':
```

```
        ch6="2 KG"
```

```
        pric6=600
```

```

else:

    ch6="3 KG"

    pric6=250

    sf.addlist(["Red kidney Bean",ch6,sf.q6.get(),pric6*int(sf.q6.get())])

#pizza 3

sf.c.create_rectangle(405, 290, 960, 410,width=2)

sf.pep=PhotoImage(file="black.png")

sf.c.create_image(470,350,image=sf.pep)


sf.c.create_text(650,320,text="BlackGram",fill="#000000",font=("Cooper
Black",20))


sf.c.create_text(860,320,text="₹385/₹550/₹225",fill="#ff3838",font=("defau
lt",17,'bold'))

#ch7=sf.check(sf.nonvegf2,340)

sf.v7=IntVar()

sf.C71=Radiobutton(sf.nonvegf2,text = "1
KG",value=10,variable=sf.v7)

sf.C71.place(x=550,y=340)

```

```
sf.C72 = Radiobutton(sf.nonveg2, text = "2 KG",value = 20, variable
=sf.v7)
```

```
sf.C72.place(x=650,y=340)
```

```
sf.C73 = Radiobutton(sf.nonveg2, text = "3 KG",value = 30, variable
=sf.v7)
```

```
sf.C73.place(x=750,y=340)
```

```
sf.C71.select()
```

```
sf.C71.deselect()
```

```
sf.C71.invoke()
```

```
sf.c.create_text(590,390,text="Quantity :
",fill="#000000",font=("default",12))
```

```
sf.qty7=Entry(sf.nonveg2,textvariable=sf.q7,bg="#aae2d7",font=("default",
12),width=4,)
```

```
sf.qty7.place(x=650,y=380)
```

```
sf.add7=Button(sf.nonveg2,text="ADD",command=lambda:addch7(),bg="#
0b1335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))
```

```
sf.add7.place(x=850,y=360)
```

```

def addch7():

    if sf.v7.get() == 10:

        ch7 = "1 KG"

        pric7 = 385

    elif sf.v7.get() == 20:

        ch7 = "2 KG"

        pric7 = 550

    else:

        ch7 = "3 KG"

        pric7 = 225

    sf.addlist(["BlackGram", ch7, sf.q7.get(), pric7 * int(sf.q7.get())])

#pizza 4

sf.c.create_rectangle(405, 410, 960, 530, width=2)

sf.mag = PhotoImage(file="green.png")

sf.c.create_image(470, 470, image=sf.mag)

sf.c.create_text(650, 440, text="Green
Gram", fill="#000000", font=("Cooper Black", 20))

```

```
sf.c.create_text(860,440,text="₹195/₹385/₹99",fill="#ff3838",font=("default",17,'bold'))
```

```
#ch8=sf.check(sf.nonveg2,460)
```

```
sf.v8=IntVar()
```

```
sf.C81=Radiobutton(sf.nonveg2,text = "1  
KG",value=10,variable=sf.v8)
```

```
sf.C81.place(x=550,y=460)
```

```
sf.C82 = Radiobutton(sf.nonveg2, text = "2 KG",value = 20, variable  
=sf.v8)
```

```
sf.C82.place(x=650,y=460)
```

```
sf.C83 = Radiobutton(sf.nonveg2, text = "3 KG",value = 30, variable  
=sf.v8)
```

```
sf.C83.place(x=750,y=460)
```

```
sf.C81.select()
```

```
sf.C81.deselect()
```

```
sf.C81.invoke()
```

```
sf.c.create_text(590,500,text="Quantity :  
",fill="#000000",font=("default",12))
```



```
sf.qty8=Entry(sf.nonveg2,textvariable=sf.q8,bg="#aae2d7",font=("default",  
12),width=4,)
```

```
sf.qty8.place(x=650,y=500)
```

```
sf.add8=Button(sf.nonveg2,text="ADD",command=lambda:addch8(),bg="#  
0b1335",cursor="hand2",fg="white",bd=4,font=("default",12,'bold'))
```

```
sf.add8.place(x=850,y=480)
```

```
def addch8():
```

```
    if sf.v8.get() == 10:
```

```
        ch8="1 KG"
```

```
        pric8=195
```

```
    elif sf.v8.get() == 20:
```

```
        ch8="2 KG"
```

```
        pric8=385
```

```
    else:
```

```
        ch8="3 KG"
```

```
        pric8=99
```

```
    sf.addlist(["Green Gram",ch8,sf.q8.get(),pric8*int(sf.q8.get())])
```

```
sf.con=Button(sf.nonvegf2,text="Confirm  
Order",command=lambda:sf.Orderde(sf.x),bg="#0b1335",cursor="hand2",f  
g="white",bd=5,font=("default",18,'bold'))
```

```
sf.con.place(x=1050,y=250)
```

```
sf.more=Button(sf.nonvegf2,text="Add  
More..",command=lambda:sf.menulist(sf.x),bg="#0b1335",cursor="hand2",  
fg="white",bd=5,font=("default",18,'bold'))
```

```
sf.more.place(x=1050,y=350)
```

```
sf.nonvegf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

#-- page 13-----

```
def Address(sf,x):
```

```
sf.x=x
```

```

sf.scr.destroy()

sf.scr=Tk()

sf.scr.title("Grocery Center")

sf.scr.geometry("1366x768")

#sf.scr.resizable(False, False)

sf.addf1=Frame(sf.scr,height=150,width=1366)

sf.c=Canvas(sf.addf1,height=150,width=1366)

sf.c.pack()

sf.logo=PhotoImage(file="logo.PNG")

sf.c.create_image(683,75,image=sf.logo)

sf.out=Button(sf.addf1,text="Log
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",font=("default",16))

sf.out.place(x=1200,y=100)

sf.addf1.pack(fill=BOTH,expand=1)


sf.addf2=Frame(sf.scr,height=618,width=1366)

sf.c=Canvas(sf.addf2,height=618,width=1366)

```

```
sf.c.pack()
```

```
sf.logo1=PhotoImage(file="bg.png")
```

```
sf.c.create_image(683,309,image=sf.logo1)
```

```
sf.log=Label(sf.addf2,text="Address",fg="white",bg="#0b1335",width=20,font=("default",27))
```

```
sf.log.place(x=480,y=110)
```

```
sf.c.create_rectangle(150,100,1216,450,fill="#d3ede6",outline="white",width=6)
```

```
sf.lab1=Label(sf.addf2,text="City",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab1.place(x=190,y=200)
```

```
sf.city=Entry(sf.addf2,bg="white",width=15,font=("default",18),bd=5)
```

```
sf.city.place(x=430,y=200)
```

```
sf.lab2=Label(sf.addf2,text="Locality",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab2.place(x=730,y=200)
```

```
sf.loc=Entry(sf.addf2,bg="white",width=15,font=("default",18),bd=5)
```

```
sf.loc.place(x=918,y=200)
```

```
sf.lab3=Label(sf.addf2,text="Building  
Name",bg="#d3ede6",font=("cooper black",18))
```

```
sf.lab3.place(x=190,y=250)
```

```
sf.buil=Entry(sf.addf2,bg="white",width=15,font=("default",18),bd=5)
```

```
sf.buil.place(x=430,y=250)
```

```
sf.lab4=Label(sf.addf2,text="House No.",bg="#d3ede6",font=("cooper  
black",18))
```

```
sf.lab4.place(x=730,y=250)
```

```
sf.hou=Entry(sf.addf2,bg="white",width=15,font=("default",18),bd=5)
```

```
sf.hou.place(x=918,y=250)
```

```
sf.lab5=Label(sf.addf2,text="Landmark",bg="#d3ede6",font=("cooper  
black",18))
```

```
sf.lab5.place(x=190,y=300)
```

```
sf.lan=Entry(sf.addf2,bg="white",width=15,font=("default",18),bd=5)
```

```
sf.lan.place(x=430,y=300)
```

```
sf.bc=Button(sf.addf2,text="Back",command=lambda:sf.Orderde(sf.x),curso  
r="hand2",fg="white",bg="#0b1335",font=("default",18),bd=5)
```

```
sf.bc.place(x=370,y=370)
```

```
sf.rg=Button(sf.addf2,text="Order  
Now",command=lambda:sf.orderpay(sf.x),cursor="hand2",fg="white",bg=""  
#0b1335",font=("default",18),bd=5)
```

```
sf.rg.place(x=610,y=370)
```

```
def clear(sf):
```

```
    sf.city.delete(0,END)
```

```
    sf.loc.delete(0,END)
```

```
    sf.buil.delete(0,END)
```

```
    sf.hou.delete(0,END)
```

```
    sf.lan.delete(0,END)
```

```
sf.cl=Button(sf.addf2,text="Clear",command=lambda:clear(sf),cursor="hand  
2",fg="white",bg="#0b1335",font=("default",18),bd=5)
```

```
sf.cl.place(x=910,y=370)
```

```
sf.addf2.pack(fill=BOTH,expand=1)
```

```
sf.scr.mainloop()
```

#-- page 14-----

```
def Orderde(sf,x):

    sf.x=x

    sf.scr.destroy()

    sf.scr=Tk()

    sf.scr.title("Grocery Center")

    sf.scr.geometry("1366x768")

    #sf.scr.resizable(False, False)

    sf.ordf1=Frame(sf.scr,height=150,width=1366)

    sf.c=Canvas(sf.ordf1,height=150,width=1366)

    sf.c.pack()

    sf.logo=PhotoImage(file="logo.PNG")

    sf.c.create_image(683,75,image=sf.logo)

    sf.home=Button(sf.ordf1,text="Log
Out",command=lambda:sf.Login(),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",16,'bold'))

    sf.home.place(x=1000,y=90)

    sf.localtime=time.asctime(time.localtime(time.time()))
```

```
sf.c.create_text(1000,50,text=sf.localtime,fill="white",font=("default",16))
```

```
sf.ordf1.pack(fill=BOTH,expand=1)
```

```
sf.ordf2=Frame(sf.scr,height=618,width=1366)
```

```
sf.c=Canvas(sf.ordf2,height=618,width=1366)
```

```
sf.c.pack()
```

```
sf.logo1=PhotoImage(file="bg.png")
```

```
sf.c.create_image(683,309,image=sf.logo1)
```

```
sf.log=Label(sf.ordf2,text="YOUR  
ORDER",bg="#9db1f2",font=("Cooper Black",22))
```

```
sf.log.place(x=450,y=4)
```

```
sf.c.create_rectangle(250, 50, 800,  
500,fill="#d3ede6",outline="white",width=6)
```

```
sf.amt=sf.amount
```

```
sf.text="Total : "+str(sf.amt)
```

```
sf.tot=Label(sf.ordf2,text=sf.text,bg="#f2da9d",width=12,font=("Cooper  
Black",22))
```



```

sf.tot.place(x=900,y=250)

if sf.x=="deli":

    sf.y=sf.Address

if sf.x=="pick":

    sf.y=sf.orderpay


sf.pay=Button(sf.ordf2,text="Pay",command=lambda:sf.y(sf.x),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",18,'bold'))

sf.pay.place(x=900,y=300)

sf.exi=Button(sf.ordf2,text="Add
more",command=lambda:sf.menulist(sf.x),bg="#0b1335",cursor="hand2",fg="white",bd=5,font=("default",18,'bold'))

sf.exi.place(x=1070,y=300)

sf.c.create_text(525,80,text="Items\tSize\tQty\tPrice",font=("cooper black",18))

sf.c.create_text(525,90,text="_____
_",font=("cooper black",18))

y=100

for i in sf.cartlist:

```

```
y+=30

s=i[0]+"\\t"+i[1]+"\\t"+i[2]+"\\t"+str(i[3])

sf.c.create_text(525,y,text=s,font=("default",16))


sf.ordf2.pack(fill=BOTH,expand=1)

sf.scr.mainloop()
```

```
#####
```

```
#----- database-----
```

```
def logindatabase(sf):

    sf.credlog=sf.resultlog()

    sf.con=connect("pizza.db")

    sf.cur=sf.con.cursor()

    try:
```

```
sf.cur.execute("create table customer(username varchar(50) not
null,password varchar(50) not null,first varchar(50) not null,last varchar(50)
not null,email varchar(50),mob varchar(50) not null)")
```

```
except:
```

```
pass
```

```
x=sf.cur.execute("select count(*) from customer where username=%r
and password=%r"%(sf.credlog[0],sf.credlog[1]))
```

```
if list(x)[0][0]==0:
```

```
if sf.credlog[0]=="" or sf.credlog[1]=="":
```

```
messagebox.showinfo("Login","Empty Entry is not allowed")
```

```
else:
```

```
messagebox.showinfo("Login","You are Not Registered Yet")
```

```
else:
```

```
messagebox.showinfo("Login","You have Successfully Log
In\nWelcome to the Deepak's Pizza")
```

```
sf.pizmain()
```

```
def Regdatabase(sf):
```

```

sf.credreg=sf.resultreg()

sf.con=connect("pizza.db")

sf.cur=sf.con.cursor()

try:

    sf.cur.execute("create table customer(username varchar(50) not
null,password varchar(50) not null,first varchar(50) not null,last varchar(50)
not null,email varchar(50),mob varchar(50) not null)")

except:

    pass

    x=sf.cur.execute("select count(*) from customer where username=%r
and mob=%r"%(sf.credreg[0],sf.credreg[5]))

    if list(x)[0][0]==0:

        if sf.credreg[0]=="" or sf.credreg[1]=="" or sf.credreg[2]=="" or
sf.credreg[3]=="" or sf.credreg[5]=="":

            messagebox.showinfo("Register","Empty Entry is not
Allowed(except Email)")

        else:

            sf.cur.execute("insert into customer
values(%r,%r,%r,%r,%r,%r)"%(sf.credreg[0],sf.credreg[1],sf.credreg[2],sf.c
redreg[3],sf.credreg[4],sf.credreg[5]))

```

```

        sf.con.commit()

        messagebox.showinfo("Register","You are Successfully
Registered")

        sf.Login()

    else:

        messagebox.showinfo("Register","Username Already Exist \nEnter
New Username")

def admindatabase(sf):

    sf.credadm=sf.resultadmin()

    sf.con=connect("pizza.db")

    sf.cur=sf.con.cursor()

    x=sf.cur.execute("select count(*) from admin where username=%r and
password=%r"%(sf.credadm[0],sf.credadm[1]))

    if list(x)[0][0]==0:

        if sf.credadm[0]=="" or sf.credadm[1]=="":

            messagebox.showinfo("Admin","Empty Entry is not allowed")

        else:

            messagebox.showinfo("Admin","You are Not Registered Yet")

```

else:

    messagebox.showinfo("Admin","You have Successfully Log In")

    sf.adminmain()

def adminorderdetail(sf):

    sf.credadmord=sf.resultadminorder()

    if sf.money!=0 and sf.credadmord[0]!="" and sf.credadmord[1]!="":

        if messagebox.askyesno("Pay","Want to make payment"):

            sf.con=connect("pizza.db")

            sf.cur=sf.con.cursor()

            od=[]

            try:

                sf.cur.execute("create table orderdetail(id integer primary  
key,username varchar(50),name varchar(50),mobile varchar(50),money  
varchar(10) not null,address varchar ,orderdet varchar not null)")

            except:

                pass

```

        for i in sf.credadmord[3:]:

            if i[-1]!="0":

                od.append(i)

            a=sf.credadmord[0]

            b=sf.credadmord[1]

            print(a,b,str(sf.money),od)

            s="insert into orderdetail(name,mobile,money,orderdet)
values(%r,%r,%r,%r)"%(a,b,str(sf.money),str(od))

            sf.cur.execute(s)

            sf.con.commit()

            messagebox.showinfo("Pay","Successfully Paid")

        else:

            messagebox.showinfo("Pay","Enter Customer's Name and Mobile
No and Order Something")

        #except:

            # messagebox.showinfo("Pay","Enter Total button then Pay button")

def orderpay(sf,x):

```

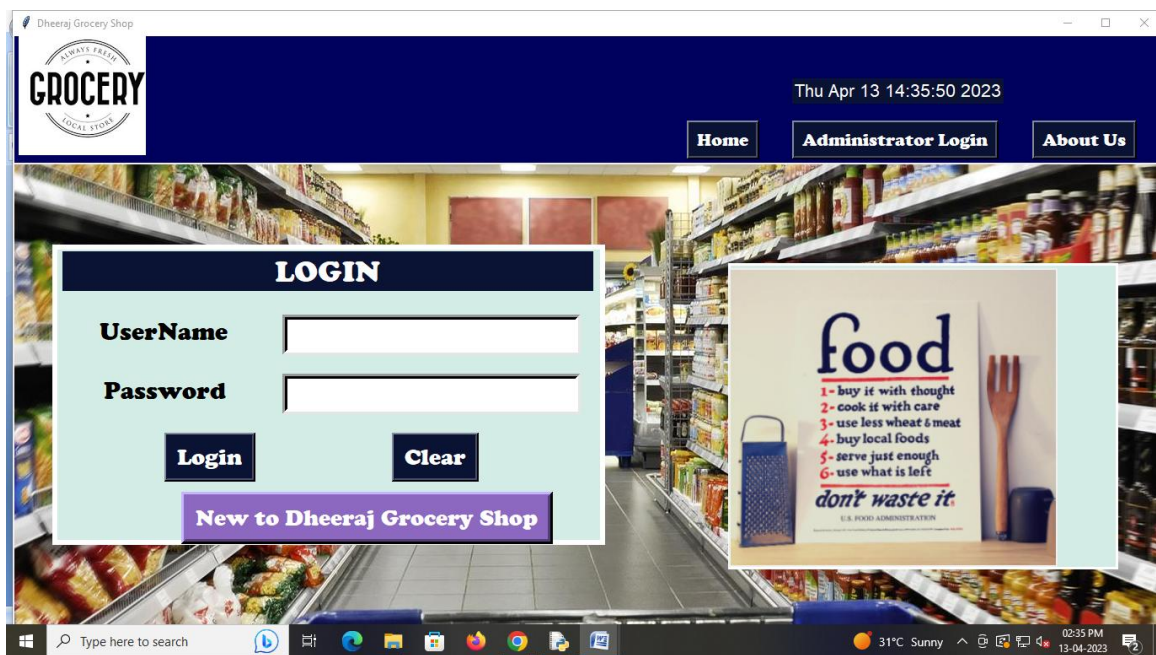
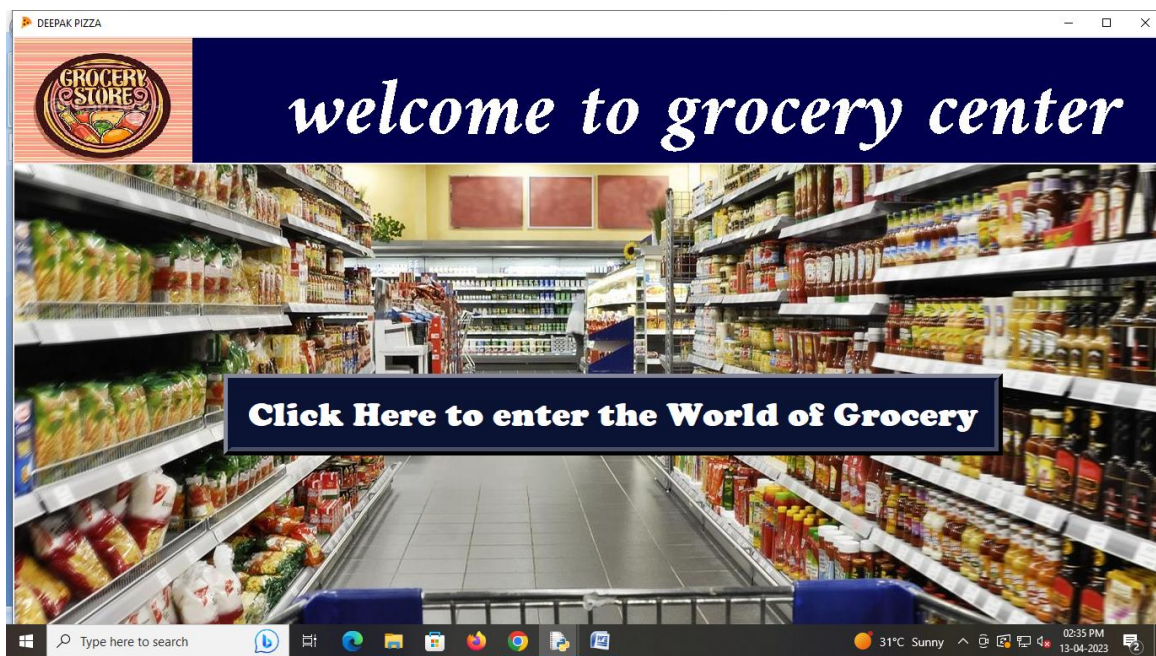
```
messagebox.showinfo("Pay","Payment Method is not available now")
```

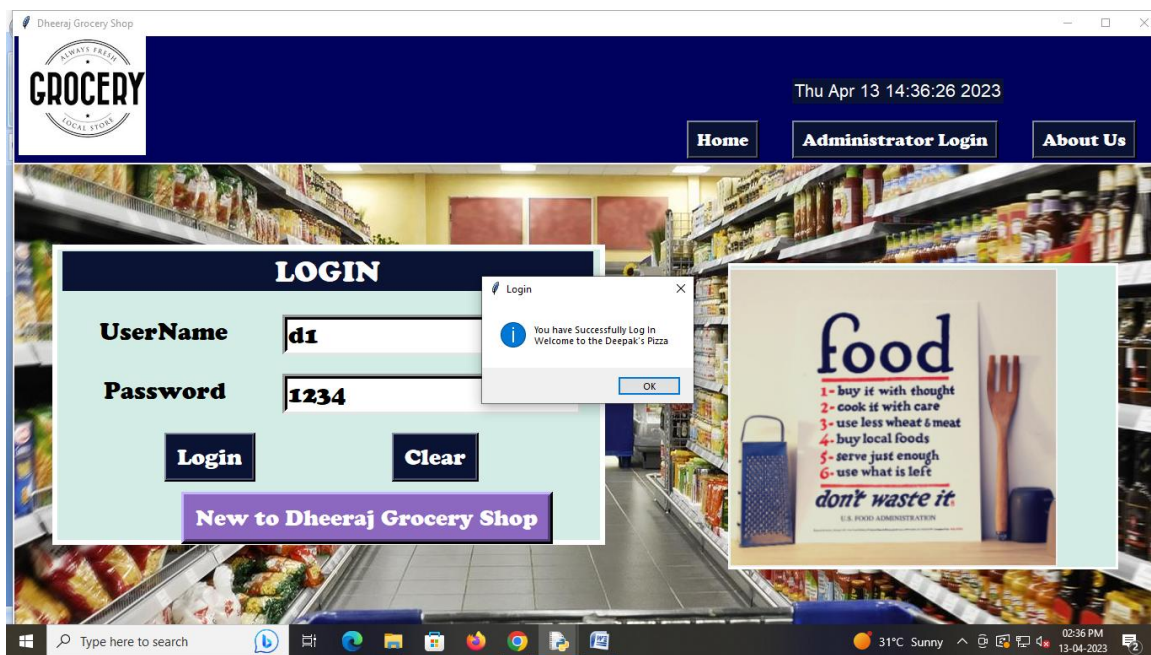
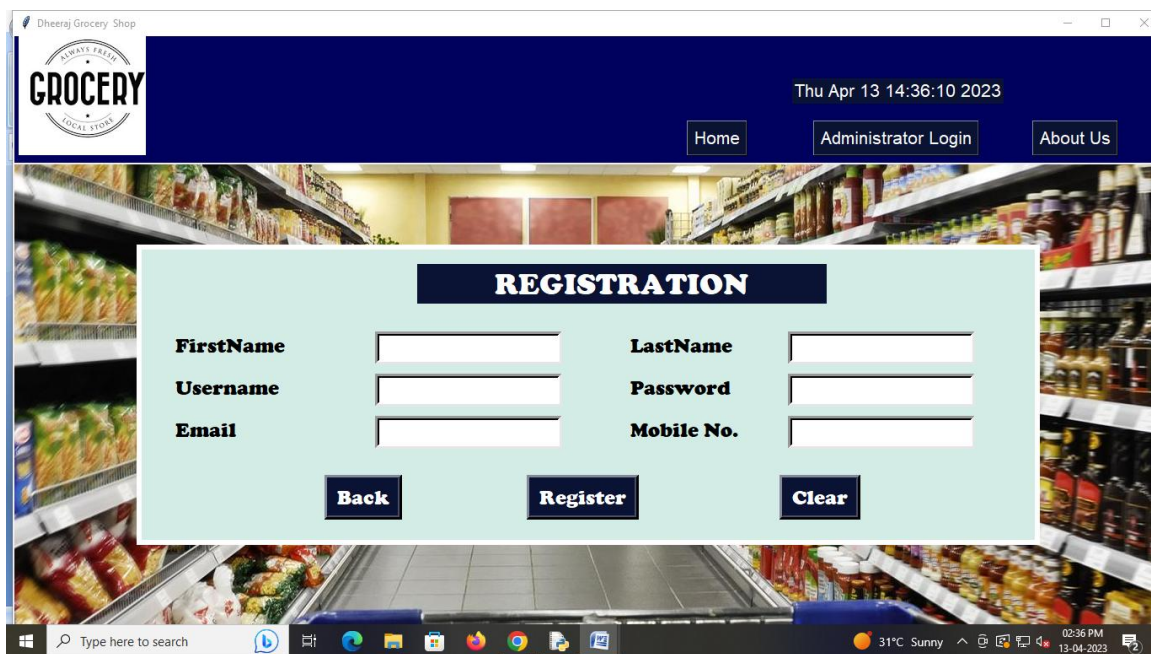
```
x=Pizza()
```

```
x.main()
```

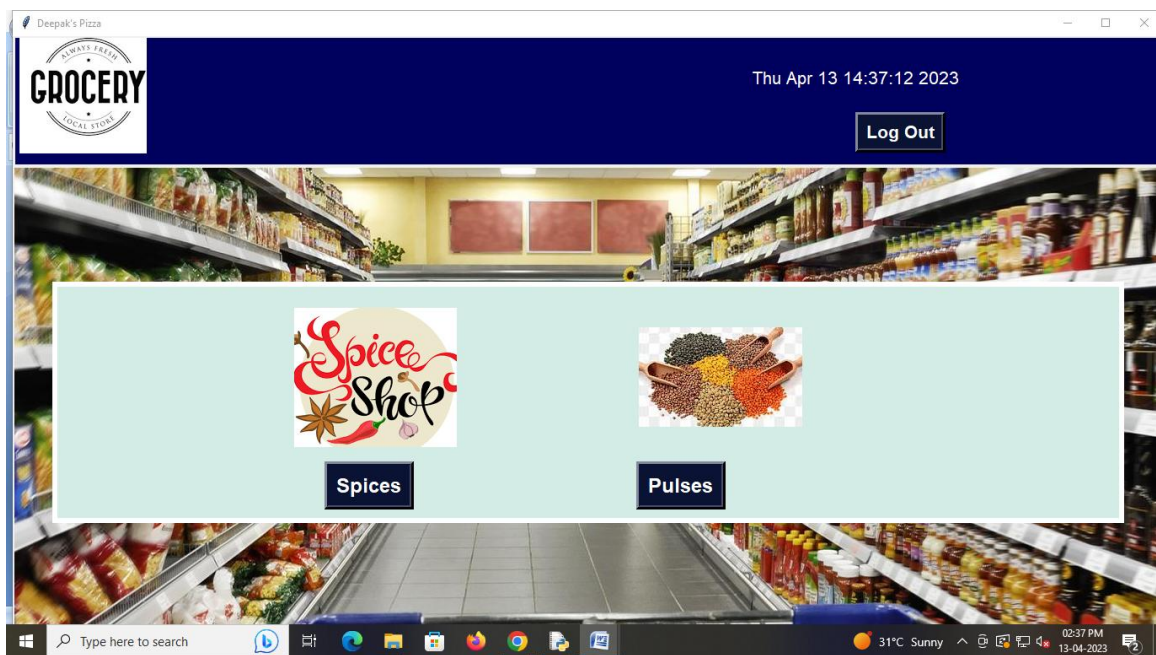
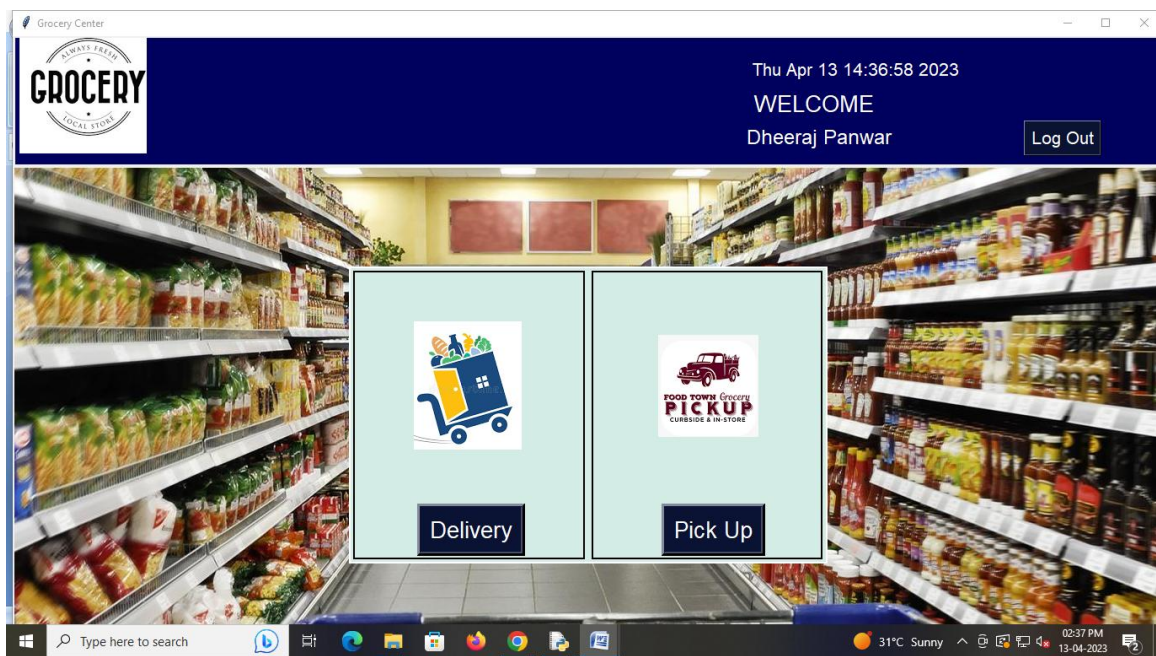



## **Sample Outputs**












Thu Apr 13 14:37:32 2023

Log Out

SPICES




Turmeric

₹450/₹650/₹250

☐ 1 KG
 ☐ 500 G
 ☐ 250 G

Quantity :

ADD




Red Chilli Powder

₹400/₹600/₹250

☐ 1 KG
 ☐ 500 G
 ☐ 250 G

Quantity :

ADD




Ginger Powder

₹385/₹550/₹225

☐ 500 G
 ☐ 300 G
 ☐ 100 G

Quantity :

ADD



Safron

₹195/₹385/₹99

☐ 500 G
 ☐ 300 G
 ☐ 100 G

Quantity :


ADD

Confirm Order

Add More..

Type here to search


31°C Sunny 02:37 PM 13-04-2023



Thu Apr 13 14:37:54 2023

Log Out

PULSES



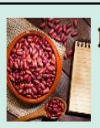
Soyabean

₹450/₹650/₹250

☐ 1 KG
 ☐ 2 KG
 ☐ 3 KG

Quantity :

ADD




Red Kidney Beans

₹400/₹600/₹250

☐ 1 KG
 ☐ 2 KG
 ☐ 3 Kg

Quantity :

ADD




BlackGram

₹385/₹550/₹225

☐ 1 KG
 ☐ 2 KG
 ☐ 3 KG

Quantity :

ADD



Green Gram

₹195/₹385/₹99

☐ 1 KG
 ☐ 2 KG
 ☐ 3 KG

Quantity :

ADD

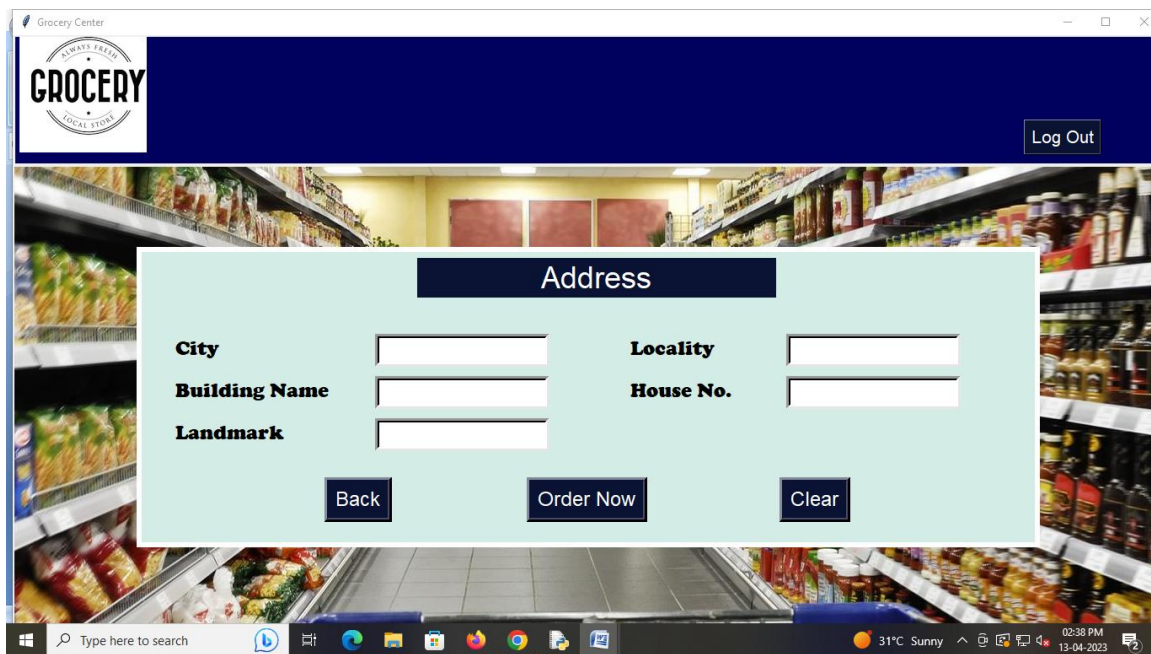
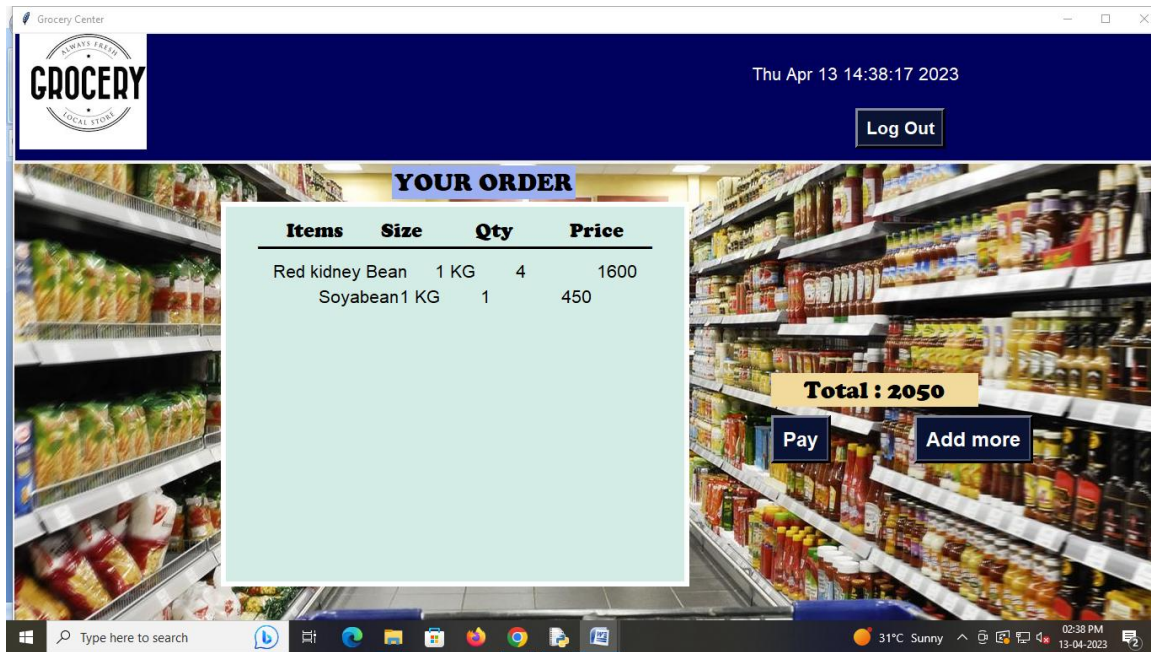
Confirm Order

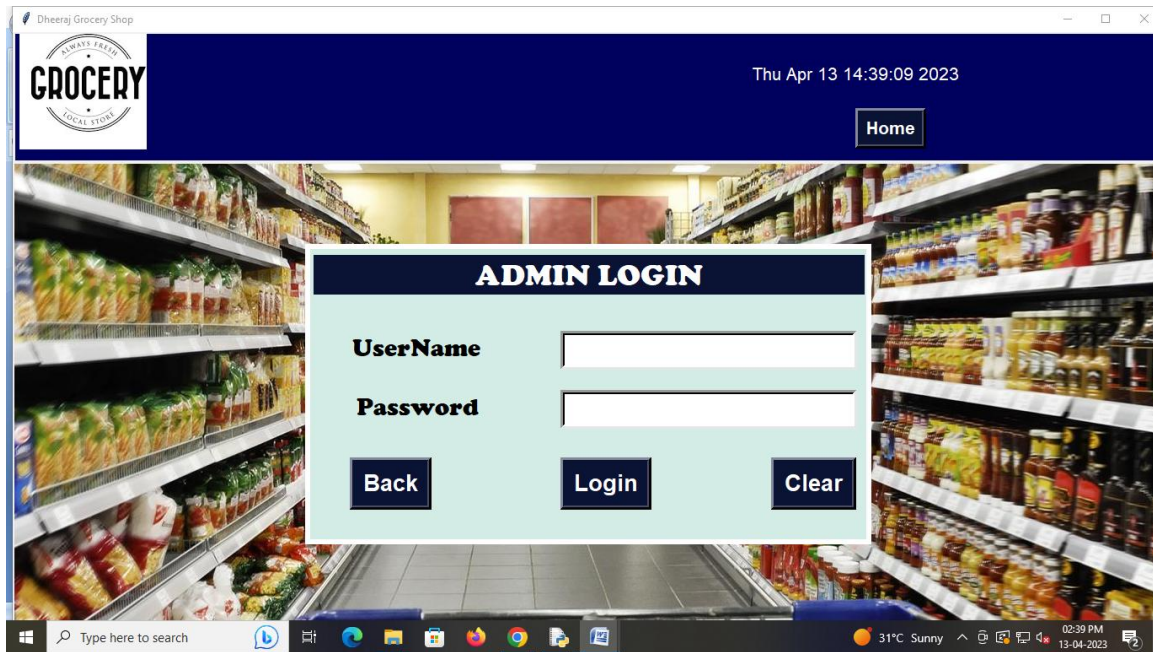
Add More..

Type here to search

31°C Sunny 02:38 PM 13-04-2023







# CODE OPTIMIZATION

As with any large Windows development environment, you can make choices when writing your own Access applications that will affect the performance of your application. How you create your queries, how you organize your tables, and how you write code can all affect your application's speed

The faster your application and each of its components perform, the more usable it will be. No user (or developer) likes a slow application. Getting extra performance sometimes requires you to make trade-offs and may affect other aspects of the application's usability, stability, and maintainability. Thus, it's important to keep the following issues in mind as you tune your applications for speed.

Some of the aspects of performance tuning:

- Hardware and memory
- Access configuration
- Database design
- Query design
- Forms design
- Reports design
- Single-user versus multi-user, file-server versus client/server application design

To create applications that perform well, you will have to address many, if not all, of these areas.



## **Lesson 4**

- **Conclusion**
- **Validation Checks**
- **Future Scope of the System**
- **References/Bibliography**

## **CONCLUSION**

The project entitled ' Online Grocery System ' is very convenient for the Computer Companies. This system is very convenient for customer or users to buy online computer products. It can be observe that the information can be obtained easily and accurately. The online grocery shopping Software is made more user friendly to the users, so that anyone can run the software. Then this software provide permission to enter to the system via the login password credentials to the user who use this system . This project manages all the details about Computer Products.

# VALIDATION CHECKS

Validations are an important part of the system. Validations are used to maintain the integrity and consistency of the database. In this project the validity of database is maintained by displaying proper error messages to the user if it try to enter wrong details. Following are the various situations in which error messages are displayed:

1. Mandatory fields should not be left blank.
2. Numeric data should be entered wherever necessary for example, while entering phone no. or salary of employee etc.
3. Quantity ordered should not be greater that quantity on hand.
4. If quantity on hand is less than reorder level than a user is warned that “stock is going to finish, reorder now”
5. Employee id, customer id, supplier id, orders id should be generated automatically.
6. Item once ordered by the user can’t be reordered again.

## **FUTURE SCOPE OF THE SYSTEM**

In Future users can buy there identical products using mobile phones. This organization is very beneficial for both users and companies. This product has great future scope. Online grocery project established using web based technology and for Windows too future versions of environments. This project also delivers security by using a security credentials like user id as well as password, so that any illegal users cannot practice your account. The only Lawful person that will consume proper admittance authority can use the online grocery shopping software.

## REFERENCES/BIBLIOGRAPHY

<https://realpython.com/best-python-books/>

<https://www.freeprojectz.com/python-django-project/book-shop-management-system>

<https://itsourcecode.com/free-projects/python-projects/book-store-management-system-python-project-with-source-code/>

<https://sites.google.com/site/ignoubcafinalyearprojects/project-report/book-shop-management-system-project-report>

