

# SOURCE CODE

#CS Project - Window to Window.

#Isha Singh. XII-B.

```
import mysql.connector as sql

from tkinter import *

from tkinter import ttk

from tkinter import messagebox

mainbg          = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebBackground.gif'

mainbg_heading = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebBackgroundHeading.gif'

icon            = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebIcon.ico'

bg_reg         = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebBackgroundReg.gif'

bg_signup      = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebBackgroundSignUp.gif'

bg_dept        = 'C:\\Users\\acer\\Desktop\\Project\\CS Project\\CS Images\\WebBackgroundDept.gif'

mycon=sql.connect(

    host='localhost',

    user='root',

    passwd='password',

    database='WindowToWindow')

cursor=mycon.cursor(buffered=True)

cursor.execute('CREATE DATABASE IF NOT EXISTS WindowToWindow')

cursor.execute("""CREATE TABLE IF NOT EXISTS BUSINESS (Shop_Code INT(5) ZEROFILL AUTO_INCREMENT

PRIMARY KEY,

                fname varchar(20),

                lname varchar(20),

                Shop_Name varchar(30),

                Department varchar(13),

                City varchar(20),

                Pincode int(7),

                Phone_number int(12),

                Email_ID varchar(40),
```

```

        Password varchar(30))'''

cursor.execute("""CREATE TABLE IF NOT EXISTS CUSTOMER (fname varchar(20),

        lname varchar(20),

        City varchar(15),

        Pincode int(7),

        Phone_number int(12),

        Email_ID varchar(40),

        Password varchar(30))'''

'*****DATA DISPLAY*****'

def display(lst):

    root = Tk()

    root.title('WINDOW TO WINDOW')

    root.iconbitmap(icon)

    frametop = LabelFrame(root,text="Here are the details of the stores nearest to you!")#,padx=50,pady=50)

    frametop.pack(side= TOP)

    framebottom = LabelFrame(root)

    framebottom.pack(side= BOTTOM)

    msg = Label(frametop, text="Here are the details of the stores nearest to you!",font="Times 20 ",
bg='#f7aca8',fg="#21626e")

    msg.grid_columnconfigure(0,weight=6)

    msg2= Label(frametop, text="Happy Shopping!",font="Times 20 ", bg='#f7aca8',fg="#21626e")

    msg2.grid_columnconfigure(1,weight=6)

    fname_labelD = Label(framebottom,width=18, text="First Name", font="Times 16 ",
bg='#f7aca8',fg="#21626e")

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

    lname_labelD = Label(framebottom,width=18, text="Last Name", font="Times 16 ",
bg='#f7aca8',fg="#21626e")

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

    shname_labelD = Label(framebottom,width=18, text="Shop Name", font="Times 16 ",
bg='#f7aca8',fg="#21626e")

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

    city_labelD = Label(framebottom,width=18, text="City", font="Times 16 ", bg='#f7aca8',fg="#21626e")

    city_labelD.grid(row=2, column=3)

```

```

phno_labelD = Label(framebottom,width=18, text="Phone Number", font="Times 16 ",
bg='#f7aca8',fg="#21626e")

phno_labelD.grid(row=2, column=4)

email_labelD = Label(framebottom,width=18, text="E-mail ID", font="Times 16 ", bg='#f7aca8',fg="#21626e")

email_labelD.grid(row=2, column=5)

total_rows = len(lst) #total_columns = 7 #len(data_gD[0])

for i in range(total_rows):

    for j in range(6):

        self = Entry(framebottom,width=20,font= "Times 16 ", bg='white',fg="#21626e")

        self.grid(row=i+4, column=j)

        self.insert(END, lst[i][j])

```

!\*\*\*\*\*BUTTON FUNCTIONS\*\*\*\*\*!

#### CLOTHING

```

def dept_cloth():

    global city_combo2

    if city_combo2.get()=='Delhi':

        query_cD='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Delhi" AND DEPARTMENT="Clothing"'

        cursor.execute(query_cD)

        data_cD = cursor.fetchall()

        display(data_cD)

    elif city_combo2.get()=='Noida':

        query_cN='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Noida" AND DEPARTMENT="Clothing"'

        cursor.execute(query_cN)

        data_cN = cursor.fetchall()

        display(data_cN)

    elif city_combo2.get()=='Ghaziabad':

        query_cG='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Ghaziabad" AND DEPARTMENT="Clothing"'

        cursor.execute(query_cG)

        data_cG = cursor.fetchall()

        display(data_cG)

```

```

elif city_combo2.get()=='Faridabad':

    query_cF='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Faridabad" AND DEPARTMENT="Clothing"'

    cursor.execute(query_cF)

    data_cF = cursor.fetchall()

    display(data_cF)

elif city_combo2.get()=='Gurugram':

    query_cGu='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Gurugram" AND DEPARTMENT="Clothing"'

    cursor.execute(query_cGu)

    data_cGu = cursor.fetchall()

    display(data_cGu)

elif city_combo2.get()=='Greater Noida':

    query_cGN='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Greater Noida" AND DEPARTMENT="Clothing"'

    cursor.execute(query_cGN)

    data_cGN = cursor.fetchall()

    display(data_cGN)

```

#### FOOTWEAR

```

def dept_footwear():

    global city_combo2

    if city_combo2.get()=='Delhi':

        query_fwD='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE
CITY="Delhi" AND DEPARTMENT="Footwear"'

        cursor.execute(query_fwD)

        data_fwD = cursor.fetchall()

        display(data_fwD)

    elif city_combo2.get()=='Noida':

        query_fwN='SELECT fname,lname,shop_name,phone_number,email_ID,city FROM BUSINESS WHERE
CITY="Noida" AND DEPARTMENT="Footwear"'

        cursor.execute(query_fwN)

        data_fwN = cursor.fetchall()

        display(data_fwN)

    elif city_combo2.get()=='Ghaziabad':

```

```
query_fwG='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Ghaziabad" AND DEPARTMENT="Footwear"'
```

```
cursor.execute(query_fwG)
```

```
data_fwG = cursor.fetchall()
```

```
display(data_fwG)
```

```
elif city_combo2.get()=='Faridabad':
```

```
query_fwF='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Faridabad" AND DEPARTMENT="Footwear"'
```

```
cursor.execute(query_fwF)
```

```
data_fwF = cursor.fetchall()
```

```
display(data_fwF)
```

```
elif city_combo2.get()=='Gurugram':
```

```
query_fwGu='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Gurugram" AND DEPARTMENT="Footwear"'
```

```
cursor.execute(query_fwGu)
```

```
data_fwGu = cursor.fetchall()
```

```
display(data_fwGu)
```

```
elif city_combo2.get()=='Greater Noida':
```

```
query_fwGN='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Greater Noida" AND DEPARTMENT="Footwear"'
```

```
cursor.execute(query_fwGN)
```

```
data_fwGN = cursor.fetchall()
```

```
display(data_fwGN)
```

## GROCERY

```
def dept_grocery():
```

```
    global city_combo2
```

```
    if city_combo2.get()=='Delhi':
```

```
        query_gD='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Delhi" AND DEPARTMENT="Grocery"'
```

```
        cursor.execute(query_gD)
```

```
        data_gD = cursor.fetchall()
```

```
        display(data_gD)
```

```
    elif city_combo2.get()=='Noida':
```

```
    query_gN='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Noida" AND DEPARTMENT="Grocery"'
```

```
    cursor.execute(query_gN)
```

```
    data_gN = cursor.fetchall()
```

```
    display(data_gN)
```

```
elif city_combo2.get()=='Ghaziabad':
```

```
    query_gG='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Ghaziabad" AND DEPARTMENT="Grocery"'
```

```
    cursor.execute(query_gG)
```

```
    data_gG = cursor.fetchall()
```

```
    display(data_gG)
```

```
elif city_combo2.get()=='Faridabad':
```

```
    query_gF='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Faridabad" AND DEPARTMENT="Grocery"'
```

```
    cursor.execute(query_gF)
```

```
    data_gF = cursor.fetchall()
```

```
    display(data_gF)
```

```
elif city_combo2.get()=='Gurugram':
```

```
    query_gGu='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Gurugram" AND DEPARTMENT="Grocery"'
```

```
    cursor.execute(query_gGu)
```

```
    data_gGu = cursor.fetchall()
```

```
    display(data_gGu)
```

```
elif city_combo2.get()=='Greater Noida':
```

```
    query_gGN='SELECT fname,lname,shop_name,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Greater Noida" AND DEPARTMENT="Grocery"'
```

```
    cursor.execute(query_gGN)
```

```
    data_gGN = cursor.fetchall()
```

```
    display(data_gGN)
```

## MEDICINE

```
def dept_medicine():
```

```
    global city_combo2
```

```
    if city_combo2.get()=='Delhi':
```

```
query_gD='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Delhi" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gD)
```

```
data_gD = cursor.fetchall()
```

```
display(data_gD)
```

```
elif city_combo2.get()=='Noida':
```

```
query_gN='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Noida" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gN)
```

```
data_gN = cursor.fetchall()
```

```
display(data_gN)
```

```
elif city_combo2.get()=='Ghaziabad':
```

```
query_gG='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Ghaziabad" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gG)
```

```
data_gG = cursor.fetchall()
```

```
display(data_gG)
```

```
elif city_combo2.get()=='Faridabad':
```

```
query_gF='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Faridabad" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gF)
```

```
data_gF = cursor.fetchall()
```

```
display(data_gF)
```

```
elif city_combo2.get()=='Gurugram':
```

```
query_gGu='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Gurugram" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gGu)
```

```
data_gGu = cursor.fetchall()
```

```
display(data_gGu)
```

```
elif city_combo2.get()=='Greater Noida':
```

```
query_gGN='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE  
CITY="Greater Noida" AND DEPARTMENT="Medicine"'
```

```
cursor.execute(query_gGN)
```

```
data_gGN = cursor.fetchall()
```

display(data\_gN)

## FOOD

def dept\_food():

    global city\_combo2

    if city\_combo2.get()=='Delhi':

        query\_gD='SELECT fname,lname,shop\_name,city,phone\_number,email\_ID FROM BUSINESS WHERE CITY="Delhi" AND DEPARTMENT="Food"'

        cursor.execute(query\_gD)

        data\_gD = cursor.fetchall()

        display(data\_gD)

    elif city\_combo2.get()=='Noida':

        query\_gN='SELECT fname,lname,shop\_name,city,phone\_number,email\_ID FROM BUSINESS WHERE CITY="Noida" AND DEPARTMENT="Food"'

        cursor.execute(query\_gN)

        data\_gN = cursor.fetchall()

        display(data\_gN)

    elif city\_combo2.get()=='Ghaziabad':

        query\_gG='SELECT fname,lname,shop\_name,city,phone\_number,email\_ID FROM BUSINESS WHERE CITY="Ghaziabad" AND DEPARTMENT="Food"'

        cursor.execute(query\_gG)

        data\_gG = cursor.fetchall()

        display(data\_gG)

    elif city\_combo2.get()=='Faridabad':

        query\_gF='SELECT fname,lname,shop\_name,city,phone\_number,email\_ID FROM BUSINESS WHERE CITY="Faridabad" AND DEPARTMENT="Food"'

        cursor.execute(query\_gF)

        data\_gF = cursor.fetchall()

        display(data\_gF)

    elif city\_combo2.get()=='Gurugram':

        query\_gGu='SELECT fname,lname,shop\_name,city,phone\_number,email\_ID FROM BUSINESS WHERE CITY="Gurugram" AND DEPARTMENT="Food"'

        cursor.execute(query\_gGu)

        data\_gGu = cursor.fetchall()



```

display(data_gGu)

elif city_combo2.get()=='Greater Noida':

    query_fGN='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Greater Noida" AND DEPARTMENT="Food"'

    cursor.execute(query_fGN)

    data_fGN = cursor.fetchall()

    display(data_fGN)

```

### ELETRONICS

```

def dept_select():

    global city_combo2

    if city_combo2.get()=='Delhi':

        query_eD='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Delhi" AND DEPARTMENT="Electronics"'

        cursor.execute(query_eD)

        data_eD = cursor.fetchall()

        display(data_eD)

    elif city_combo2.get()=='Noida':

        query_eN='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Noida" AND DEPARTMENT="Electronics"'

        cursor.execute(query_eN)

        data_eN = cursor.fetchall()

        display(data_eN)

    elif city_combo2.get()=='Ghaziabad':

        query_eG='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Ghaziabad" AND DEPARTMENT="Electronics"'

        cursor.execute(query_eG)

        data_eG = cursor.fetchall()

        display(data_eG)

    elif city_combo2.get()=='Faridabad':

        query_eF='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Faridabad" AND DEPARTMENT="Electronics"'

        cursor.execute(query_eF)

        data_eF = cursor.fetchall()

        display(data_eF)

```

```

elif city_combo2.get()=='Gurugram':

    query_eGu='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Gurugram" AND DEPARTMENT="Electronics"'

    cursor.execute(query_eGu)

    data_eGu = cursor.fetchall()

    display(data_eGu)

elif city_combo2.get()=='Greater Noida':

    query_eGN='SELECT fname,lname,shop_name,city,phone_number,email_ID FROM BUSINESS WHERE
CITY="Greater Noida" AND DEPARTMENT="Electronics"'

    cursor.execute(query_eGN)

    data_eGN = cursor.fetchall()

    display(data_eGN)

    '*****DEPARTMENT WINDOW*****'

def Department():

    global bgimage_dept

    global img_cloth

    global img_fw

    global img_food

    global img_med

    global img_elec

    global img_groc

    top_dept = Toplevel()

    top_dept.title("WINDOW TO WINDOW")

    top_dept.iconbitmap('#WebIcon.ico')

    canvas_dept = Canvas(top_dept, width=1350, height=600)

    canvas_dept.pack()

    bgimage_dept = PhotoImage(file=bg_dept)

    bgimage_label = Label(top_dept, image=bgimage_dept)

    bgimage_label.place(relwidth=1, relheight=1)

    img_cloth = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-clothing.png')

    img_fw = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-footwear.png')

    img_food = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-food.png')

```

```

img_elec = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-electronics.png')
img_med = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-medicine.png')
img_groc = PhotoImage(file='C:/Users/acer/Desktop/Project/CS Project/CS Images/button-grocery.png')
button_cloth = Button(top_dept, bg='#f7aca8', image=img_cloth, command=dept_cloth)
button_cloth.place(relx=0.10, rely=0.20)
button_fw = Button(top_dept, bg='#f7aca8', image=img_fw, command=dept_footwear)
button_fw.place(relx=0.50, rely=0.20)
button_groc = Button(top_dept, bg='#f7aca8', image=img_groc, command=dept_grocery)
button_groc.place(relx=0.10, rely=0.45)
button_med = Button(top_dept, bg='#f7aca8', image=img_med, command=dept_medicine)
button_med.place(relx=0.50, rely=0.45)
button_food = Button(top_dept, bg='#f7aca8', image=img_food, command=dept_food)
button_food.place(relx=0.10, rely=0.70)
button_elec = Button(top_dept, bg='#f7aca8', image=img_elec, command=dept_elect)
button_elec.place(relx=0.50, rely=0.70)

```

\*\*\*\*\* REGISTRATION \*\*\*\*\*

```

def Register():
    global bgimage_reg
    top_reg = Toplevel()
    top_reg.title("WINDOW TO WINDOW")
    top_reg.iconbitmap(icon)
    canvas_reg = Canvas(top_reg, width=1350, height=600)
    canvas_reg.pack()
    bgimage_reg = PhotoImage(file=bg_reg)
    bgimage_label = Label (top_reg, image = bgimage_reg)
    bgimage_label.place(relwidth =1 ,relheight =1)
    fname_label1 = Label(top_reg, text="First Name", font="Times 16 ", bg="white", fg="#21626e")
    fname_label1.place(relx=0.175, rely=0.17)
    lname_label1 = Label(top_reg, text="Last Name", font="Times 16 ", bg="white", fg="#21626e")
    lname_label1.place(relx=0.50, rely=0.17)

```

```

shname_label1 = Label(top_reg, text="Shop Name", font="Times 16 ", bg="white",fg="#21626e")
shname_label1.place(relx=0.175, rely=0.26)

dept_label1 = Label(top_reg, text="Department", font="Times 16 ", bg="white",fg="#21626e")
dept_label1.place(relx=0.175, rely=0.35)

city_label1 = Label(top_reg, text="City", font="Times 16 ", bg='white',fg='#21626e')
city_label1.place(relx=0.175, rely=0.44)

pin_label1 = Label(top_reg, text="Pin Code", font="Times 16",bg='white',fg='#21626e')
pin_label1.place(relx=0.175, rely=0.53)

num_label1 = Label(top_reg, text="Contact Number", font="Times 16 ", bg="white",fg="#21626e")
num_label1.place(relx=0.175, rely=0.62)

email_label1 = Label(top_reg, text="E-mail Address", font="Times 16 ", bg="white",fg="#21626e")
email_label1.place(relx=0.175, rely=0.71)

pass_label1 = Label(top_reg, text="Password", font="Times 16 ", bg="white",fg="#21626e")
pass_label1.place(relx=0.175, rely=0.80)

fname_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
fname_frame1.place(relx=0.175, rely=0.21, relwidth=0.30, relheight=0.045)

lname_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
lname_frame1.place(relx=0.50, rely=0.21, relwidth=0.30, relheight=0.045)

shname_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
shname_frame1.place(relx=0.175, rely=0.30, relwidth=0.625, relheight=0.045)

dept_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
dept_frame1.place(relx=0.175, rely=0.39, relwidth=0.625, relheight=0.045)

city_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
city_frame1.place(relx=0.175, rely=0.48, relwidth=0.625, relheight=0.045)

pin_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
pin_frame1.place(relx=0.175, rely=0.57, relwidth=0.625, relheight=0.045)

num_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
num_frame1.place(relx=0.175, rely=0.66, relwidth=0.625, relheight=0.045)

email_frame1 = Frame(top_reg, bg='#2a7785', bd=4)
email_frame1.place(relx=0.175, rely=0.75, relwidth=0.625, relheight=0.045)

pass_frame1 = Frame(top_reg, bg='#2a7785', bd=4)

```

```

pass_frame1.place(relx=0.175, rely=0.84, relwidth=0.625, relheight=0.045)

dept_v = ["Clothing", "Footwear", "Grocery", "Medicine", "Food", "Electronics"]

dept_combo = ttk.Combobox(top_reg, values=dept_v)

dept_combo.place(relx=0.177, rely=0.395, relwidth=0.620)

dept_combo.current(0)

city_v = ["Delhi", "Noida", "Ghaziabad", "Faridabad", "Gurugram", "Greater Noida"]

city_combo = ttk.Combobox(top_reg, values=city_v)

city_combo.place(relx=0.177, rely=0.485, relwidth=0.620)

city_combo.current(0)

fname_entry1 = Entry(fname_frame1)

fname_entry1.place(relwidth = 1, relheight = 1)

lname_entry1 = Entry(lname_frame1)

lname_entry1.place(relwidth = 1, relheight = 1)

shname_entry1 = Entry(shname_frame1)

shname_entry1.place(relwidth = 1, relheight = 1)

pin_entry1 = Entry(pin_frame1)

pin_entry1.place(relwidth = 1, relheight = 1)

num_entry1 = Entry(num_frame1)

num_entry1.place(relwidth = 1, relheight = 1)

email_entry1 = Entry(email_frame1)

email_entry1.place(relwidth = 1, relheight = 1)

pass_entry1 = Entry(pass_frame1)

pass_entry1.place(relwidth = 1, relheight = 1)

def New_register():

    fname1 = fname_entry1.get()

    lname1 = lname_entry1.get()

    shop_name = shname_entry1.get()

    department = dept_combo.get()

    city1 = city_combo.get()

    pincode1 = pin_entry1.get()

    phone_number1 = num_entry1.get()

```

```

email_ID1 = email_entry1.get()

password1 = pass_entry1.get()

reg_query = "insert into business
(fname,lname,shop_name,department,city,pincode,phone_number,email_ID,password)
values(%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)"

value=(fname1,lname1,shop_name,department,city1,pincode1,phone_number1,email_ID1,password1)

try:

    cursor.execute(reg_query,value)

    mycon.commit()

    messagebox.showinfo("Success!", "Your shop is registered now! \n Welcome to Window to Window
family!")

except:

    messagebox.showinfo("Error", "Your account could not be created.")

submit = Button(top_reg, text='Submit',font='verdana',fg='white',bg='#2a7785',command= New_register)

submit.place(relx=0.47, rely=0.92)

"*****SIGN UP*****"

```

def SignUp():

```

global bgimage_sign

top_sign = Toplevel()

top_sign.title("WINDOW TO WINDOW")

top_sign.iconbitmap('#WebIcon.ico')

canvas_sign = Canvas(top_sign, width=1350, height=600)

canvas_sign.pack()

bgimage_sign = PhotoImage(file=bg_signup)

bgimage_label = Label (top_sign, image = bgimage_sign)

bgimage_label.place(relwidth =1 ,relheight =1)

fname_label2 = Label(top_sign, text="First Name", font="Times 16 ", bg="white",fg="#21626e")

fname_label2.place(relx=0.175, rely=0.17)

lname_label2 = Label(top_sign, text="Last Name", font="Times 16 ", bg="white",fg="#21626e")

lname_label2.place(relx=0.50, rely=0.17)

city_label2 = Label(top_sign, text="City", font="Times 16", bg='white',fg='#21626e')

city_label2.place(relx=0.175, rely=0.28)

pin_label2 = Label(top_sign, text="Pin Code", font="Times 16",bg='white',fg='#21626e')

```

```

pin_label2.place(relx=0.175, rely=0.39)

num_label2 = Label(top_sign, text="Contact Number", font="Times 16 ", bg="white", fg="#21626e")

num_label2.place(relx=0.175, rely=0.50)

email_label2 = Label(top_sign, text="E-mail Address", font="Times 16 ", bg="white", fg="#21626e")

email_label2.place(relx=0.175, rely=0.61)

pass_label2 = Label(top_sign, text="Password", font="Times 16 ", bg="white", fg="#21626e")

pass_label2.place(relx=0.175, rely=0.72)

fname_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

fname_frame2.place(relx=0.175, rely=0.21, relwidth=0.30, relheight=0.055)

lname_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

lname_frame2.place(relx=0.50, rely=0.21, relwidth=0.30, relheight=0.055)

city_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

city_frame2.place(relx=0.175, rely=0.32, relwidth=0.625, relheight=0.055)

pin_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

pin_frame2.place(relx=0.175, rely=0.43, relwidth=0.625, relheight=0.055)

num_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

num_frame2.place(relx=0.175, rely=0.54, relwidth=0.625, relheight=0.055)

email_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

email_frame2.place(relx=0.175, rely=0.65, relwidth=0.625, relheight=0.055)

pass_frame2 = Frame(top_sign, bg='#2a7785', bd=4)

pass_frame2.place(relx=0.175, rely=0.76, relwidth=0.625, relheight=0.055)

global city_combo2

city_v = ["Delhi", "Noida", "Ghaziabad", "Faridabad", "Gurugram", "Greater Noida"]

city_combo2 = ttk.Combobox(top_sign, values=city_v)

city_combo2.place(relx=0.177, rely=0.325, relwidth=0.620, relheight=0.045)

city_combo2.current(0)

fname_entry2 = Entry(fname_frame2)

fname_entry2.place(relwidth = 1 , relheight = 1)

lname_entry2 = Entry(lname_frame2)

lname_entry2.place(relwidth = 1 , relheight = 1)

pin_entry2 = Entry(pin_frame2)

```

```

pin_entry2.place(relwidth = 1 , relheight = 1)

num_entry2 = Entry(num_frame2)

num_entry2.place(relwidth = 1 , relheight = 1)

email_entry2 = Entry(email_frame2)

email_entry2.place(relwidth = 1 , relheight = 1)

pass_entry2 = Entry(pass_frame2)

pass_entry2.place(relwidth = 1 , relheight = 1)

def New_signup():

    fname2 = fname_entry2.get()

    lname2 = lname_entry2.get()

    city2 = city_combo2.get()

    pincode2 = pin_entry2.get()

    phone_number2 = num_entry2.get()

    email_ID2 = email_entry2.get()

    password2 = pass_entry2.get()

    sign_query ="insert into customer (fname,lname,city,pincode,phone_num,email_ID,password)
values(%s,%s,%s,%s,%s,%s,%s)"

    value=(fname2,lname2,city2,pincode2,phone_number2,email_ID2,password2)

    try:

        cursor.execute(sign_query,value)

        mycon.commit()

    except:

        messagebox.showinfo("Error","Your account could not be created.")

    a=1

    start = Button(top_sign, text='Start Shopping!',font='verdana',fg='white',bg='#2a7785',
command=lambda:[New_signup(),Department()]) #lambda:[New_signup(), Department(), close(top_sign)])

    start.place(relx=0.43, rely=0.87)

    return city_combo2

"***** MAIN WINDOW *****"

root=Tk()

root.title('WINDOW TO WINDOW')

root.iconbitmap('#WebIcon.ico')

```



```

canvas = Canvas(root, width = 1350, height = 600)

canvas.pack()

bg_image = PhotoImage(file="#WebBackground.gif")

canvas.create_image(0,0, anchor=NW, image=bg_image)

bg_label = Label (root, image = bg_image)

bg_label.place(width=1, height=1)

bg_imgheading = PhotoImage(file="#WebBackgroundHeading.gif" )

bg_label = Label (root, image = bg_imgheading)

bg_label.place(relwidth = 1 ,relheight = 0.19)

register_label = Label (root, text="* Register your BUSINESS today to get the best customers!",font='Times
25',bg='#f7aca8',fg="#21626e")

register_label.place(relx=0.15, rely=0.19)

register = Button(root, text='Register Now',font='verdana',fg='white',bg='#2a7785', command=Register)

register.place(relx=0.75, rely=0.20)

msg_label = Label (root, text="FOR CONSUMERS:", font='Times 20',bg='#f7aca8',fg="white")

msg_label.place(relx=0.40, rely=0.27)

fname_label = Label(root, text="First Name", font="Times 16 ", bg='#f7aca8',fg="#21626e")

fname_label.place(relx=0.15, rely=0.34)

lname_label = Label(root, text="Last Name", font="Times 16 ", bg='#f7aca8',fg="#21626e")

lname_label.place(relx=0.15, rely=0.45)

email_label = Label(root, text="Email Address", font="Times 16", bg="#f7aca8", fg="#21626e")

email_label.place(relx=0.15, rely=0.56)

pass_label = Label(root, text="Password", font="Times 16", bg="#f7aca8", fg="#21626e")

pass_label.place(relx=0.15, rely=0.67)

fname_frame = Frame(root, bg='#2a7785', bd=4)

fname_frame.place(relx=0.15, rely=0.39, relwidth=0.30, relheight=0.055)

lname_frame = Frame(root, bg='#2a7785', bd=4)

lname_frame.place(relx=0.15, rely=0.50, relwidth=0.30, relheight=0.055)

email_frame = Frame(root, bg='#2a7785', bd=4)

email_frame.place(relx=0.15, rely=0.61, relwidth=0.70, relheight=0.055)

pass_frame = Frame(root, bg='#2a7785', bd=4)

pass_frame.place(relx=0.15, rely=0.72, relwidth=0.70, relheight=0.055)

```

```

fname_entry = Entry(fname_frame)

fname_entry.place(relwidth = 1 , relheight = 1)

lname_entry = Entry(lname_frame)

lname_entry.place(relwidth =1, relheight= 1)

email_entry = Entry(email_frame)

email_entry.place(relwidth = 1, relheight=1)

pass_entry = Entry(pass_frame)

pass_entry.place(relwidth = 1, relheight=1)

def login():

    fname = fname_entry.get()

    lname = lname_entry.get()

    Email_ID = email_entry.get()

    password = pass_entry.get()

    cursor = mycon.cursor(buffered=True)

    cursor.execute("SELECT fname,lname,email_ID,password FROM CUSTOMER")

    table_data = cursor.fetchall()

    #print(table_data)

    for i in range (0,len(table_data)):

        if table_data[i][0]==fname and table_data[i][1]==lname and table_data[i][2]==Email_ID and
table_data[i][3]==password:

            val=(fname,lname,email_ID,password)

            sql="SELECT * FROM customer WHERE fname = %s AND lname= %s AND email_ID= %s AND
password=%s"

            cursor.execute(sql,val)

            mycon.commit()

            messagebox.showinfo("you did it", "correct mam.")

            break

    else:

        messagebox.showinfo("Error", "Wrong information entered.")

        break

login = Button(root, text='Log In',font='verdana',fg='white',bg='#2a7785',command=login)

login.place(relx=0.5, rely=0.79)

```

```
sign_label = Label (root, text="Don't have an account? Make one right now!",font='Times 19',bg='#f7aca8',fg="#21626e")

sign_label.place(relx=0.35, rely=0.87)

signup = Button(root, text='Sign Up',font='verdana',fg='white',bg='#2a7785', command=SignUp)

signup.place(relx=0.499, rely=0.93)

root.mainloop()
```