



ST. JOSEPH'S SCHOOL, ABU DHABI

This is to certify that _____, of the
Examination Registration No. _____,
has satisfactorily completed the laboratory work in
Computer Science during the academic session
2023-2024 as prescribed by CBSE, New Delhi.

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Date of Examination:

Examiner 1:

Examiner 2:

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Acknowledgement

I with my utmost courteousness and gratitude submit my implacable praises to the omnipotent almighty for having bestowed his grace and blessings over me to accomplish this task of project dissertation.

I would like to extend my thankful heart to Sr.Suranjana, Principal of St. Joseph's School, Abu Dhabi, U.A.E. I express my sincere gratitude towards Ms. Tiji Anoop for her support and guidance in completing my project successfully.

Last but not the least I would like to thank all the teachers of the computer department and all our friends for their valuable advice, inspiration and whole hearted support.

Sona

Aim

Objective of the project is to create an application software for a beauty store that caters to the specific needs, requirements, and preferences of its customers.

Brief Explanation

Our project in Python is based on a menu- driven program that will accept the customer's choice of preference of various aspects that will assure the smooth running of the customer's experience.

The program is designed to be easily accessed and understood by users. The program will promote a GUI interface which will provide a customer-friendly platform with the use of the tkinter module.

Instead of terminating the program when a user enters incorrect input, it provides user-friendly error messages to guide users on the correct input format or conditions.

The program has been divided into three main sections, which include:

- User registration- Sign-up/ Sign-in
- Store
- Checkout

Program has the following attributes:

I) User Registration:

- *The user is presented with the sign-in page, offering the option to log in if they possess an existing account.*
- *Alternatively, a sign-up button is available for new users, redirecting them to a page facilitating the creation of an account. This process necessitates inputting essential information, including email, username, and password. Notably, an error pop-up will be triggered in the event that the entered email does not adhere to the required format or if specific details are left incomplete.*
- *Customers seeking to reset their password can do so by clicking on the 'forgot password' button.*

II) Store:

- *Customers are directed to the homepage after signing in.*
- *The homepage, features a personalized icon, a menu bar for navigation, dynamic visual elements such as a moving GIF for enhanced aesthetics, and buttons facilitating product selection, and access to customer reviews.*

- *The menu bar allows customers to navigate and explore the store by providing them with various options namely 'Hair', 'Body', 'About', 'Ingredients', 'Careers' and 'My Cart'.*
- *The 'Hair' and 'Body' menu buttons are equipped with dropdown menus which showcase all the array of products the store offers. Each dropdown button linked to the corresponding product page.*
- *The 'About' button gives customers an insight about the brand.*
- *The 'Ingredients' button displays all the ingredients used in our products.*
- *'Careers' is an option for job seekers. Here, interested customers can view and apply for open job roles, by entering several details.*
- *Each product page includes an option menu, where customers can choose the quantity they wish to purchase, the key ingredients used in the product, the key benefits of the product and a 'create formula' button.*
- *The 'Create Formula' button directs users to an additional page where they are prompted to participate in a quiz. This interactive questionnaire is specifically designed to tailor the product to the individual user.*
- *The quiz allows customers to choose the ingredients in their product, colour, fragrance and quantity.*

- *At any point customers can transition back to the homepage by utilizing the menu bar and selecting the logo button.*

III) Checkout:

- *The 'My Cart' section is designated for the final checkout process, providing customers with a final view of their selections and an itemized bill.*

Source Code:

SIGN- IN:

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

import mysql.connector
#def fucntions
def toggle_password():
    if passentry.cget("show") == "*":
        passentry.config(show="")
        eye_button.config(text="👁")
    else:
        passentry.config(show="*")
        eye_button.config(text="👁")
def forget_pass():
    def toggle_password():
        if pppentry.cget("show") == "*":
            pppentry.config(show="")
            eye_button.config(text="👁")
        else:
            pppentry.config(show="*")
            eye_button.config(text="👁")
def toggle_cpassword():
    if cppentry.cget("show") == "*":
        cppentry.config(show="")
        eye_button1.config(text="👁")
    else:
        cppentry.config(show="*")
        eye_button1.config(text="👁")
def change_pass():
    if unameentry.get()==' ' or pppentry.get()==' ' or cppentry.get()==' ':
        messagebox.showerror('Error', 'All Fields are required!', parent=window)
    elif pppentry.get() != cppentry.get():
        messagebox.showerror('Error', 'Password Mismatch!', parent=window)
    else:
        cnx = mysql.connector.connect(user='root', password='sisira@dl07',
                                       host='localhost', database='userdata1')

        mycursor=cnx.cursor()
        mycursor.execute('use userdata1')
        mycursor.execute('select * from data1 where username=%s', (unameentry.get(),))
        row=mycursor.fetchone()
        if row==None:
            messagebox.showerror('Error!', 'Incorrect Username', parent=window)
        else:
            query2='update data1 set password=%s where username=%s'
            q3=(pppentry.get(), unameentry.get())
            mycursor.execute(query2, q3)
            cnx.commit()
            cnx.close()
            messagebox.showinfo('Success!', 'Password has been reset successfully!')
```



```

        window.destroy()
window=Toplevel()
window.title('Reset Password')
window.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')
#get width & height of screen
width=window.winfo_screenwidth()
height=window.winfo_screenheight()
#set screensize as fullscreen and resizable
window.geometry("%dx%d"%(width,height))
window.resizable(True,True)
#bgimage
bg=Image.open('bg1.png')
img=bg.resize((width,height)) #full screen
bg1=ImageTk.PhotoImage(img)
#create label to add bgimage
label1=Label(window,image=bg1)
label1.pack(fill='both', expand=True)
#heading
heading=Label(window,text='Reset Password',
               font=('Microsoft Yahei UI Light',21,'bold'),
               bg='white',fg='indianred')
heading.place(x=760,y=130)
#frame to add elemtns
frame=Frame(window,bg='white')
frame.place(x=725, y=190)
#username
unamelabel=Label(frame,text='Username', font=('Microsoft Yahei UI Light',11,'bold'),
bg='white', fg='indianred')
unamelabel.grid(row=10,column=0,sticky='w')
unameentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
unameentry.grid(row=14,column=0,sticky='w',padx=3,pady=7)
#pass
pplabel=Label(frame,text='New Password', font=('Microsoft Yahei UI Light',11,'bold'),
bg='white', fg='indianred')
pplabel.grid(row=23,column=0,sticky='w')
ppentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0, show="*")
ppentry.grid(row=25,column=0,sticky='w',padx=3,pady=7)
eye_button = Button(frame, text="👁", command=toggle_password, background='white', bd=0,
activebackground='white',activeforeground='black', font=('Microsoft Yahei UI
Light',11,'bold'),fg='black')
eye_button.grid(row=25, column=0, sticky='e',padx=0, pady=0)

#confirm pass
cpplabel=Label(frame,text='Confirm Password', font=('Microsoft Yahei UI Light',11,'bold'),
bg='white', fg='indianred')
cpplabel.grid(row=34,column=0,sticky='w')
cppentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0, show="*")

```

```

    cppentry.grid(row=37,column=0,sticky='w',padx=3,pady=7)
    eye_button1 = Button(frame, text="👁", command=toggle_cpassword, background='white', bd=0,
activebackground='white',activeforeground='black', font=('Microsoft Yahei UI
Light',11,'bold'),fg='black')
    eye_button1.grid(row=37, column=0, sticky='e',padx=0, pady=0)

    #reset
    resetbutton=Button(window, text='RESET', width=21,
activebackground='white',activeforeground='indianred', font=('Microsoft Yahei UI
Light',15,'bold'),fg='white',
                        bg='indianred', cursor='hand2', bd=0, command=change_pass)
    resetbutton.place(x=728,y=420)
    window.mainloop()
def u_entry(xyz): #to delete 'username' when user clicks
    if usernameentry.get()=='Username':
        usernameentry.delete(0,END)
def p_entry(abc):
    if passentry.get()=='Password':
        passentry.delete(0,END)
def signup_page():
    login_window.destroy()
    import signup
def login_user():
    if usernameentry.get()==' ' or passentry.get()==' ':
        messagebox.showerror('Error','All Fields are Required!')
    else:
        try:
            con=mysql.connector.connect(user='root', password='sisira@dl07',host='localhost',
database='userdata1')
            mycursor=con.cursor()
        except:
            con=mysql.connector.connect(user='root', password='sisira@dl07',host='localhost',
database='userdata1')
            mycursor=con.cursor()
            mycursor.execute('use userdata1')
            ch='select*from data1 where username=%s and password=%s'
            mycursor.execute(ch, (usernameentry.get(), passentry.get()))
            row=mycursor.fetchone()
            if row==None:
                messagebox.showerror('Error','Invalid Username or Password')
            else:
                messagebox.showinfo('Welcome!','Login was Successful')
                login_window.destroy()
                import r_ohomepage
login_window=Tk()
#title and icon
login_window.title('Beauty')
#login_window.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get width & height of screen
width=login_window.winfo_screenwidth()

```

```

height=login_window.winfo_screenheight()

#set screensize as fullscreen and resizable
login_window.geometry("%dx%d"%(width,height))
login_window.resizable(True,True)

#bgimage
bg=Image.open('bg1.png')
img=bg.resize((width,height)) #full screen
bg1=ImageTk.PhotoImage(img)

#create label to add bgimage
label1=Label(login_window,image=bg1)
label1.pack(fill='both', expand=True)

#adding heading on a label
heading=Label(login_window,text='USER LOGIN', font=('Microsoft Yahei UI
Light',20,'bold'),bg='white',fg='indianred')
heading.place(x=780,y=130)

#enter username,pass
usernameentry=Entry(login_window, width=25,font=('Microsoft Yahei UI
Light',11,'bold'),bd=0,fg='indianred')
usernameentry.place(x=740,y=200)
usernameentry.insert(0,'Username') #text that appears before user entry
usernameentry.bind('<FocusIn>',u_entry)

frame1=Frame(login_window,width=250,height=2, bg='indianred')
frame1.place(x=740, y=230)

passentry=Entry(login_window, width=25,font=('Microsoft Yahei UI
Light',11,'bold'),bd=0,fg='indianred', show="*")
passentry.place(x=740,y=260)
passentry.insert(0,'Password') #text that appears before user entry
passentry.bind('<FocusIn>',p_entry)

frame2=Frame(login_window,width=250,height=2, bg='indianred')
frame2.place(x=740, y=290)

#create button to see pass/not
eye_button = Button(login_window, text="👁", command=toggle_password, background='white', bd=0,
activebackground='white',activeforeground='black', font=('Microsoft Yahei UI
Light',11,'bold'),fg='black')
eye_button.place(x=965,y=260)

#forgot password button
forgotpass=Button(login_window,text='Forgot password?', bd=0, bg='white',
activebackground='white', activeforeground='indianred',cursor='hand2',
font=('Microsoft Yahei UI Light',11,'bold'),
fg='indianred',command=forget_pass)
forgotpass.place(x=855,y=305)

```

```

#login button
loginbutton=Button(login_window, text='LOGIN', width=22,
                    activebackground='white',activeforeground='indianred',
                    font=('Microsoft Yahei UI Light',15),fg='white',
                    bg='indianred', cursor='hand2', bd=0, command=login_user)
loginbutton.place(x=740, y=350)

#OR
orlabel=Label(login_window,text='----- OR -----', bg='white', font=('Microsoft Yahei
UI Light',15),fg='indianred')
orlabel.place(x=738, y=403)

#create acc
lacc=Label(login_window,text="Don't have an account?",font=('Microsoft Yahei UI Light',9,'bold'),
          bg='white',fg='indianred',bd=0)
lacc.place(x=740,y=490)
newaccbutton=Button(login_window, text='SignUp!', width=12,
                    activebackground='white',activeforeground='indianred',
                    font=('Microsoft Yahei UI Light',8,'bold','underline'),fg='indianred',
                    bg='white', cursor='hand2', bd=0,
                    command=signup_page)
newaccbutton.place(x=900, y=486)

login_window.mainloop()

```

SIGN-UP:

```

from tkinter import *
from tkinter import messagebox
from PIL import ImageTk, Image
import mysql.connector as sqltor
from email_validator import validate_email, EmailNotValidError

def validate_email_format(email):
    try:
        valid = validate_email(email)
        email_address = valid.email
        return email_address
    except EmailNotValidError:
        return None

def clear():
    emailentry.delete(0, END)
    unameentry.delete(0, END)
    pentry.delete(0, END)
    cpentry.delete(0, END)
    check.set(0)

def toggle_password():
    if pentry.cget("show") == "*":
        # Show the password

```

```

        pentry.config(show="")
        eye_button.config(text="👁")
    else:
        # Hide the password by showing asterisks
        pentry.config(show="*")
        eye_button.config(text="👁")
def toggle_cpassword():
    if centry.cget("show") == "*":
        # Show the password
        centry.config(show="")
        eye_button1.config(text="👁")
    else:
        # Hide the password by showing asterisks
        centry.config(show="*")
        eye_button1.config(text="👁")

def connect_database():
    global email
    email = emailentry.get()
    validated_email = validate_email_format(email)

    if emailentry.get()==' ' or unameentry.get()==' ' or pentry.get()==' ' or centry.get()==' ':
        messagebox.showerror("Error",'All field Are Required')
    elif validated_email==None:
        messagebox.showerror("Error",'Invalid email format')
    elif pentry.get() != centry.get():
        messagebox.showerror("Error",'Password Mismatch')
    elif check.get()==0:
        messagebox.showerror('Error','Please Accept Terms & Conditions')
    else:
        try:
            cnx = sqltor.connect(user='root', password='sisira@dl07',
                                host='localhost',
                                database='userdata1')

        except:
            messagebox.showerror("Error","Database Connectivity Issue, try again")
            return

        try:
            mycursor=cnx.cursor()
            mycursor.execute("create table data(id int auto_increment primary key not null,
email varchar(50), username varchar(50) UNIQUE, password varchar(20))")
        except:
            mycursor.execute("use userdata1")

        mycursor.execute('select * from data1 where username=%s', (emailentry.get(),))
        row=mycursor.fetchone()
        if row != None:
            messagebox.showerror('Error','Username already exist')
        else:
            query2 = ("insert into data1(email, username, password) values (%s, %s, %s)")
            data2 = (emailentry.get(), unameentry.get(), pentry.get())

```

```

        mycursor.execute(query2, data2)
        cnx.commit()
        cnx.close()
        messagebox.showinfo('Success', "Registration is successful")
        clear()
        signup_window.destroy()
        import signin

def login_page():#to link login file
    signup_window.destroy()
    import signin

signup_window=Tk()
#title and icon
signup_window.title('Signin')
#signup_window.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade
12\Computer Project\login\favicon.ico')

#get width & height of screen
width=signup_window.winfo_screenwidth()
height=signup_window.winfo_screenheight()

#set screensize as fullscreen and resizable
signup_window.geometry("%dx%d"%(width,height))
signup_window.resizable(True,True)

#bgimage
bg=Image.open('sbg.png')
img=bg.resize((width,height)) #full screen
bg1=ImageTk.PhotoImage(img)

#create label to add bgimage
label1=Label(signup_window,image=bg1)
label1.pack(fill='both', expand=True)

#create frame to add elements to it
frame=Frame(signup_window,bg='white')
frame.place(x=730, y=175)

#heading
heading=Label(signup_window,text='Create an Account', font=('Microsoft Yahei UI
Light',20,'bold'),bg='white',fg='indianred')
heading.place(x=730, y=117)

#email
emaillabel=Label(frame,text='Email', font=('Microsoft Yahei UI Light',11,'bold'), bg='white',
fg='indianred')
emaillabel.grid(row=0,column=0,sticky='w',padx=20)

emailentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
emailentry.grid(row=3,column=0,sticky='w',padx=25,pady=3)

```

```

#username
unamelabel=Label(frame,text='Username', font=('Microsoft Yahei UI Light',11,'bold'), bg='white',
fg='indianred')
unamelabel.grid(row=9,column=0,sticky='w',padx=20)

unameentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
unameentry.grid(row=12,column=0,sticky='w',padx=25,pady=3)

#pass
plabel=Label(frame,text='Password', font=('Microsoft Yahei UI Light',11,'bold'), bg='white',
fg='indianred')
plabel.grid(row=18,column=0,sticky='w',padx=20)

pentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred', show="*")
pentry.grid(row=21,column=0,sticky='w',padx=25,pady=3)

# Create an "eye" Button to toggle the password visibility
eye_button = Button(frame, text="👁", command=toggle_password, background='white', bd=0,
activebackground='white',activeforeground='black', font=('Microsoft Yahei UI
Light',11,'bold'),fg='black')
eye_button.grid(row=21, column=0, sticky='e',padx=0, pady=0)

#confirm pass
cplabel=Label(frame,text='Confirm Password', font=('Microsoft Yahei UI Light',11,'bold'),
bg='white', fg='indianred')
cplabel.grid(row=27,column=0,sticky='w',padx=20)

cpentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred', show='*')
cpentry.grid(row=30,column=0,sticky='w',padx=25,pady=3)

eye_button1 = Button(frame, text="👁", command=toggle_cpassword, background='white', bd=0,
activebackground='white',activeforeground='black', font=('Microsoft Yahei UI
Light',11,'bold'),fg='black')
eye_button1.grid(row=30, column=0, sticky='e',padx=0, pady=0)

#T&C
check= IntVar()

tandc=Checkbutton(frame,text='I agree to the terms and conditions',
font=('Microsoft Yahei UI Light',9,'bold'),bg='white',fg='indianred',
activebackground='white',activeforeground='indianred',cursor='hand2',
variable= check)
tandc.grid(row=36,column=0,sticky='w',padx=20,pady=10)

#signin

```

```

signinbutton=Button(frame, command=connect_database, text='SIGN IN', width=21,
activebackground='white',activeforeground='indianred', font=('Microsoft Yahei UI
Light',15,'bold'),fg='white',
                    bg='indianred', cursor='hand2', bd=0)
signinbutton.grid(row=46,column=0)

#login
lacc=Label(signup_window,text='Already have an account?',font=('Microsoft Yahei UI
Light',9,'bold'),
          bg='white',fg='indianred',bd=0)
lacc.place(x=755,y=500)

lbutton=Button(signup_window,text='Login', font=('Microsoft Yahei UI
Light',9,'bold','underline'),
              bg='white',fg='indianred',bd=0,cursor='hand2',activebackground='white',
              activeforeground='black',command=login_page)
lbutton.place(x=940,y=495)

signup_window.mainloop()

```

RESET PASSWORD:

```

from tkinter import *
from tkinter import messagebox
from PIL import ImageTk,Image

import mysql.connector

def change_pass():
    if unameentry.get()==' ' or pentry.get()==' ' or centry.get()==' ':
        messagebox.showerror('Error','All Fields are required!')
    elif pentry.get()!=centry.get():
        messagebox.showerror('Error','Password Mismatch!')
    else:
        cnx = mysql.connector.connect(user='root', password='sisira@dl07',
                                      host='localhost', database='userdata1')

        mycursor=cnx.cursor()
        mycursor.execute('use userdata1')
        mycursor.execute('select * from data1 where username=%s',unameentry.get())
        row=mycursor.fetchone()
        if row!=None:
            messagebox.showerror('Error!','Incorrect Username')
        else:
            query2='update data1 set password=%s where username=%s'
            mycursor.execute(query2,(pentry.get(),unameentry.get()))
            cnx.commit()
            cnx.close()
            message.showinfo('Success!','Password has been reset successfully!')
            window.destroy()

fp=Tk()

```



```

#title and icon
fp.title('Reset Password')
fp.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get width & height of screen
width=fp.winfo_screenwidth()
height=fp.winfo_screenheight()

#set screensize as fullscreen and resizable
fp.geometry("%dx%d"%(width,height))
fp.resizable(True,True)

#bgimage
bg=Image.open('bg1.png')
img=bg.resize((width,height)) #full screen
bg1=ImageTk.PhotoImage(img)

#create label to add bgimage
label1=Label(fp,image=bg1)
label1.pack(fill='both', expand=True)

#heading
heading=Label(fp,text='Reset Password',
               font=('Microsoft Yahei UI Light',21,'bold'),
               bg='white',fg='indianred')
heading.place(x=760,y=130)

#frame to add elemtns
frame=Frame(fp,bg='white')
frame.place(x=725, y=190)

#username
unamelabel=Label(frame,text='Username', font=('Microsoft Yahei UI Light',11,'bold'), bg='white',
fg='indianred')
unamelabel.grid(row=10,column=0,sticky='w')

unameentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
unameentry.grid(row=14,column=0,sticky='w',padx=3,pady=7)

#pass
plabel=Label(frame,text='New Password', font=('Microsoft Yahei UI Light',11,'bold'), bg='white',
fg='indianred')
plabel.grid(row=23,column=0,sticky='w')

pentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
pentry.grid(row=25,column=0,sticky='w',padx=3,pady=7)

#confirm pass

```

```

cplabel=Label(frame,text='Confirm Password', font=('Microsoft Yahei UI Light',11,'bold'),
bg='white', fg='indianred')
cplabel.grid(row=34,column=0,sticky='w')

cpcentry=Entry(frame,width=32, font=('Microsoft Yahei UI
Light',10,'bold'),fg='white',bg='indianred',bd=0)
cpcentry.grid(row=37,column=0,sticky='w',padx=3,pady=7)

#reset
resetbutton=Button(fp, text='RESET', width=21,
activebackground='white',activeforeground='indianred', font=('Microsoft Yahei UI
Light',15,'bold'),fg='white',
                        bg='indianred', cursor='hand2', bd=0, command=change_pass)
resetbutton.place(x=728,y=420)

fp.mainloop()

```

HOME PAGE:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
#from ttkbootstrap.scrolled import ScrolledFrame
from tkinter import messagebox

def configure(event):
    canvas.configure(scrollregion=canvas.bbox(ALL))

root=Tk()
root.title("    Laranna")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

# Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

```

```

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=ttk.Frame(canvas)
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(88):
    my_label=tk.Label(my_frame, text="")
    my_label.pack()

#functions
def menupg():
    root.destroy()
    import menupage

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':

```

```

        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#ingredients
def ing():
    root.destroy()
    import ingredients

#mycart button( menu bar)
def finalbill():
    messagebox.showinfo('Welcome','Your cart is empty!, Start shopping by using the menubar or homepage!')

#careers
def careers():
    root.destroy()
    import careerspage

#frame
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

#1st statement
heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)
lname=Image.open('logomenu.png')
rlname=lname.resize((139,53))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

#Hair
MenuBttn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')
```

```

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBttn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBttn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBttn.place(x=240,y=56)

#Body
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants

```

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=700,y=56)
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=careers)
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#1
```

```
frame3= Frame(my_frame)
```

```
frame3.place(x=0,y=95)
```

```
imagebg = Image.open('hpbg.jpg')
```

```
imagetxt = Image.open('hp1.png')
```

```
imagebg.paste(imagetxt, (110,50), imagetxt)
```

```
# Convert the Image object into a TkPhoto object
```

```
tkimage = ImageTk.PhotoImage(imagebg)
```

```
panel1 = Label(frame3, image=tkimage)
```

```
panel1.grid(row=0, column=2, sticky=E)
```

```
#gif
```

```
gifImage='b1.gif'
```

```
openImage=Image.open(gifImage)
```

```
frames=openImage.n_frames
```

```
imageObject=[PhotoImage(file=gifImage, format=f'gif -index {i}') for i in range(frames)]
```

```
count=0
```

```
showanimation=None
```

```
def animation(count):
```

```
    global showanimation
```

```
    newImage=imageObject[count]
```

```
    gif_Label.configure(image=newImage)
```

```
    count+=1
```

```
    if count==frames:
```

```
        count=0
```

```
    showanimation=my_frame.after(250,lambda: animation(count))
```

```

gif_Label=Label(my_frame,image='')
gif_Label.place(x=825, y=95)

animation(count)

#button
cnf=Button(my_frame,text='  CREATE YOUR FORMULA  ', font=('Georgia',
17),bg='black',fg='lemonchiffon',bd=0,activeforeground='lemonchiffon'
        ,activebackground='black',cursor='hand2', command=menupg)
cnf.place(x=200,y=390)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps1,shift)

canvas1=Canvas(my_frame,bg='darkslateblue',width=root.winfo_screenwidth(),height=50)
canvas1.place(x=0,y=1000)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='lavender',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps1=110 #Change the fps to make the animation faster/slower
shift()

#2
frame4= Frame(my_frame)
frame4.place(x=0,y=549)
hpb2 = Image.open('hpb2.jpg')
hpb3 = Image.open('hpb3.png')

bgimg=hpb2.copy()

bgimg.paste(hpb3, (540,30), hpb3)
# Convert the Image object into a TkPhoto object
hp2 = ImageTk.PhotoImage(bgimg)

panel2 = Label(frame4, image=hp2)
panel2.grid(row=0, column=2, sticky=E)

#gif
gifImage1='hp2.gif'

```

```

openImage1=Image.open(gifImage1)
frames1=openImage1.n_frames

imageObject1=[PhotoImage(file=gifImage1, format=f'gif -index {i}') for i in range(frames1)]
count1=0
showanimation1=None

def animation1(count1):
    global showanimation1
    newImage1=imageObject1[count1]

    gif_Label1.configure(image=newImage1)
    count1+=1
    if count1==frames1:
        count1=0
    showanimation1=my_frame.after(250,lambda: animation1(count1))

gif_Label1=Label(my_frame,image='')
gif_Label1.place(x=0, y=549)

animation1(count1)

#scrolling text
def shift1():
    x1,y1,x2,y2 = canvas2.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas2.winfo_width()
        y1 = canvas2.winfo_height()//2
        canvas2.coords("marquee",x1,y1)
    else:
        canvas2.move("marquee", -2, 0)
    canvas2.after(1000//fps1,shift1)

canvas2=Canvas(my_frame,bg='darkslateblue',width=root.winfo_screenwidth(),height=50)
canvas2.place(x=0,y=1000)
text_var1="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text1=canvas2.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='lavender',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas2.bbox("marquee")
fps1=110 #Change the fps to make the animation faster/slower
shift1()

#3

frame5= Frame(my_frame)
frame5.place(x=0,y=1050)
hpbg5=Image.open('hpbg.jpg')
hptxt4=Image.open('hptxt4.png')
bgimg1=hpbg5.copy()

```



```

bgimg1.paste(hptxt4, (315,25), hptxt4)

#stickers
stik1=Image.open("stik1.png")
rstik1=stik1.resize((90,92))
bgimg1.paste(rstik1,(100,50))

stik2=Image.open("stik2.png")
rstik2=stik2.resize((110,92))
bgimg1.paste(rstik2,(230,200))

stik3=Image.open("stik3.png")
rstik3=stik3.resize((110,108))
bgimg1.paste(rstik3,(870,170))

stik4=Image.open("stik4.png")
rstik4=stik4.resize((110,91))
bgimg1.paste(rstik4,(1000,290))

stik5=Image.open("stik5.png")
rstik5=stik5.resize((120,129))
bgimg1.paste(rstik5,(1100,80))

stik6=Image.open("stik6.png")
rstik6=stik6.resize((110,97))
bgimg1.paste(rstik6,(50,300))

# Convert the Image object into a TkPhoto object
hp3 = ImageTk.PhotoImage(bgimg1)

panel3 = Label(frame5, image=hp3)
panel3.grid(row=0, column=2, sticky=E)

#Photoslider
pics_list=['hpic1.png', "hpic2.png","hpic3.png", "hpic4.png"]

index=0

def previousImage():
    global index, img
    index-=1

    if index < 0:
        index= len(pics_list) - 1

    img=Image.open(pics_list[index])
    img=ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black')
    label1.place(x=490,y=1200)

```

```

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black')
    label1.place(x=490,y=1200)

image1=Image.open("next.png")
resize_image1=image1.resize((50, 50))
img1=ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='lemonchiffon',
activebackground='lemonchiffon', cursor='hand2', command=nextImage)

image2=Image.open("previous.png")
resize_image2=image2.resize((50, 50))
img2=ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='lemonchiffon',
activebackground='lemonchiffon', cursor='hand2')

lbl_picture=tk.Label()
lbl_previous.place(x=435,y=1270)
lbl_next.place(x=790,y=1270)

nextImage()

#4
frame6= Frame(my_frame)
frame6.place(x=0,y=1500)

hpb6 = Image.open('hpb6.jpg')
hp6txt = Image.open('hp6txt.jpg')

bgimg6=hpb6.copy()

bgimg6.paste(hp6txt, (360,40))
# Convert the Image object into a TkPhoto object
hp6 = ImageTk.PhotoImage(bgimg6)

panel6 = Label(frame6, image=hp6)
panel6.grid(row=0, column=2, sticky=E)

sn=Button(frame6,text='          SHOP NOW          ', font=('Georgia',
17),bg='mistyrose',fg='black',bd=0,activeforeground='black'
          ,activebackground='mistyrose',cursor='hand2', command=menupg)
sn.place(x=530,y=240)

my_frame.bind("<Configure>", configure)

```

```
root.mainloop()
```

Menu Page:

```
import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

root=Tk()
root.title("    Laranna")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

#scrollbar

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(48):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()
```

```

#functions
def hairframe():
    root.destroy()
    import mphairf

def bodyframe():
    root.destroy()
    import mpbodyf

#title
mpf1= Frame(my_frame)
mpf1.place(x=0,y=0)
mpbg1 = Image.open('mpbg1.png')
mphead1 = Image.open('mphead1.png')

rmphead1=mphead1.resize((809,150))

mpbg1.paste(rmphead1, (250,30))
# Convert the Image object into a TkPhoto object
mpimgtk = ImageTk.PhotoImage(mpbg1)

mp1lab = Label(mpf1, image=mpimgtk, bd=0,highlightthickness=0)
mp1lab.grid(row=0,column=2)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='black',width=my_frame.winfo_screenwidth(),height=50,
bd=0,highlightthickness=0)
canvas1.place(x=0,y=200)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='azure',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#HAIR

mpf2= Frame(my_frame)

```

```

mpf2.place(x=0,y=250)
mpbg2 = Image.open('mpbg2.png')
mptxt2 = Image.open('mptxt2hair.png')

rmptxt2=mptxt2.resize((800,268))

mpbg2.paste(rmptxt2, (370,100))

Hairpic=Image.open("mphair.png")
rhairpic=Hairpic.resize((350,406))
mpbg2.paste(rhairpic,(0,0))

Hairhd=Image.open("mphairhd.png")
rhairhd=Hairhd.resize((300,126))
mpbg2.paste(rhairhd,(435,40))

# Convert the Image object into a TkPhoto object
mpimg2tk = ImageTk.PhotoImage(mpbg2)

mp2lab = Label(mpf2, image=mpimg2tk, bd=0,highlightthickness=0)
mp2lab.grid(row=0,column=1,sticky=E)

button1=Button(my_frame,text=' Shop Haircare ', font=('Georgia', 16), bg='black',
fg='mediumpurple3',bd=0,activeforeground='mediumpurple2'
,activebackground='black',cursor='hand2', command=hairframe)
button1.place(x=500,y=570)

#BODY

mpf3= Frame(my_frame)
mpf3.place(x=0,y=656)
mpbg3 = Image.open('mpbg3.png')
mptxt3 = Image.open('mpbodytxt.png')

rmptxt3=mptxt3.resize((800,268))

mpbg3.paste(rmptxt3, (0,80))

bodypic=Image.open("mpbody.png")
rbodypic=bodypic.resize((531,370))
mpbg3.paste(rbodypic,(815,0))

bodyhd=Image.open("mpbodyhd.png")
rbodyhd=bodyhd.resize((300,127))
mpbg3.paste(rbodyhd,(83,30))

# Convert the Image object into a TkPhoto object
mpimg3tk = ImageTk.PhotoImage(mpbg3)

mp3lab = Label(mpf3, image=mpimg3tk, bd=0,highlightthickness=0)
mp3lab.grid(row=0,column=1,sticky=E)

```

```

button2=Button(my_frame,text='  Shop Bodycare  ', font=('Georgia', 16), bg='black',
fg='mediumpurple3',bd=0,activeforeground='mediumpurple2'
               ,activebackground='black',cursor='hand2', command=bodyframe)
button2.place(x=132,y=950)

root.mainloop()

```

Hair- Main Page:

```

from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

root=Tk()
root.title("    Laranna")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

hairframe=Frame(root)
hairframe.place(x=0,y=0)
hfbg=Image.open('mpbg2.png')
hfhead=Image.open('hfhead.png')
rhfhead=hfhead.resize((800,200))

hfbg.paste(rhfhead,(270,30))
hftk=ImageTk.PhotoImage(hfbg)

hflab=Label(hairframe,image=hftk)
hflab.grid(row=0,column=2,sticky=E)

prodf=Frame(root,bg='lavender',width=root.winfo_screenwidth(), height=700)
prodf.place(x=0,y=250)

def sham():
    root.destroy()
    import cshampoo

def cond():
    root.destroy()
    import csconditioner

```

```

def hm():
    root.destroy()
    import cshairmask

def hs():
    root.destroy()
    import cshairserum

def sp():
    root.destroy()
    import csstylingprimer

#shampoo

shimg=Image.open('mpsham.png')
rshimg=shimg.resize((188,250))
shamtk=ImageTk.PhotoImage(rshimg)
sbutton=Button(root,text=' Shampoo ', font=('Georgia', 16), bg='lavender',
fg='black',bd=0,activeforeground='black'
,activebackground='lavender',cursor='hand2',
image=shamtk,command=sham)
sbutton.place(x=50,y=300)

shtxt=Label(root,text=' Shampoo ', font=('Georgia', 16),bg='lavender', fg='black')
shtxt.place(x=90,y=570)

#conditioner
coimg=Image.open('mpcond.png')
rcoimg=coimg.resize((188,250))
condtk=ImageTk.PhotoImage(rcoimg)

cbutton=Button(root,text=' Conditioner ', font=('Georgia', 16), bg='lavender',
fg='black',bd=0,activeforeground='black'
,activebackground='lavender',cursor='hand2',image=condtk,
command=cond)
cbutton.place(x=300,y=300)

cotxt=Label(root,text=' Conditioner ', font=('Georgia', 16),bg='lavender', fg='black')
cotxt.place(x=330,y=570)

#Hairmask
hmimg=Image.open('mphm.png')
rhimg=hmimg.resize((188,250))
hmtk=ImageTk.PhotoImage(rhimg)

hmbutton=Button(root,text=' Hair Mask ', font=('Georgia', 16), bg='lavender',
fg='black',bd=0,activeforeground='black'
,activebackground='lavender',cursor='hand2',image=hmtk,
command=hm)
hmbutton.place(x=550,y=300)

```

```

hmtxt=Label(root,text=' Hair Mask ', font=('Georgia', 16),bg='lavender', fg='black')
hmtxt.place(x=580,y=570)

#Hair serum
hsimg=Image.open('mphs.png')
rhsimg=hsimg.resize((188,250))
hstk=ImageTk.PhotoImage(rhsimg)

hobutton=Button(root,text=' Hair Serum ', font=('Georgia', 16), bg='lavender',
fg='black',bd=0,activeforeground='black'
,activebackground='lavender',cursor='hand2',image=hstk,
command=hs)
hobutton.place(x=800,y=300)

hstxt=Label(root,text=' Hair Serum ', font=('Georgia', 16),bg='lavender', fg='black')
hstxt.place(x=830,y=570)

#Styling primer
spimg=Image.open('mpsp.png')
rspimg=spimg.resize((188,250))
sptk=ImageTk.PhotoImage(rspimg)

spbutton=Button(root,text=' Styling Primer ', font=('Georgia', 16), bg='lavender',
fg='black',bd=0,activeforeground='black'
,activebackground='lavender',cursor='hand2',image=sptk,
command=sp)
spbutton.place(x=1050,y=300)

sptxt=Label(root,text=' Styling Primer ', font=('Georgia', 16),bg='lavender', fg='black')
sptxt.place(x=1070,y=570)

root.mainloop()

```

Body- Main Page:

```

from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

root=Tk()
root.title("Bodycare")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

```



```

def bw():
    root.destroy()
    import csbw

def sg():
    root.destroy()
    import cshowergel

def bl():
    root.destroy()
    import csbl

def bs():
    root.destroy()
    import csbodyscrub

bodyframe=Frame(root)
bodyframe.place(x=0,y=0)
bfbg=Image.open('mpbg3.png')
bfhead=Image.open('bfhead.png')
rbfhead=bfhead.resize((800,200))

bfbg.paste(rbfhead,(270,20))
bftk=ImageTk.PhotoImage(bfbg)

bflab=Label(bodyframe,image=bftk)
bflab.grid(row=0,column=2,sticky=E)

bodyf=Frame(root,bg='mediumpurple4',width=root.winfo_screenwidth(), height=700)
bodyf.place(x=0,y=250)

#body wash

bwimg=Image.open('bw1.png')
rbwimg=bwimg.resize((173,250))
bwtk=ImageTk.PhotoImage(rbwimg)

bwbutton=Button(root,text=' Body Wash ', font=('Georgia', 16), bg='mediumpurple4',
fg='black',bd=0,activeforeground='black'
,activebackground='mediumpurple4',cursor='hand2',image=bwtk,command=bw)
bwbutton.place(x=160,y=300)

bwtxt=Label(root,text=' Body Wash ', font=('Georgia', 16),bg='mediumpurple4', fg='white')
bwtxt.place(x=180,y=570)

#shower gel
sgimg=Image.open('sg1.png')
rsgimg=sgimg.resize((181,250))
sgtk=ImageTk.PhotoImage(rsgimg)

```

```

sgbutton=Button(root,text=' Shower Gel ', font=('Georgia', 16), bg='mediumpurple4',
fg='black',bd=0,activeforeground='black'
,activebackground='mediumpurple4',cursor='hand2',image=sgtk,command=sg)
sgbutton.place(x=410,y=300)

sgtxt=Label(root,text=' Shower Gel ', font=('Georgia', 16),bg='mediumpurple4', fg='white')
sgtxt.place(x=435,y=570)

#body lotion
blimg=Image.open('bl1.png')
rblimg=blimg.resize((169,250))
bltk=ImageTk.PhotoImage(rblimg)

blbutton=Button(root,text=' Body Lotion ', font=('Georgia', 16), bg='mediumpurple4',
fg='black',bd=0,activeforeground='black'
,activebackground='mediumpurple4',cursor='hand2',image=bltk,command=bl)
blbutton.place(x=660,y=300)

bltxt=Label(root,text=' Body Lotion ', font=('Georgia', 16),bg='mediumpurple4', fg='white')
bltxt.place(x=680,y=570)

#Body Scrub
bsimg=Image.open('bodyscrub1.jpg')
rbsimg=bsimg.resize((194,250))
bstk=ImageTk.PhotoImage(rbsimg)

bsbutton=Button(root,text=' Body Scrub ', font=('Georgia', 16), bg='mediumpurple4',
fg='black',bd=0,activeforeground='black'
,activebackground='mediumpurple4',cursor='hand2',image=bstk,command=bs)
bsbutton.place(x=890,y=300)

bltxt=Label(root,text=' Body Scrub ', font=('Georgia', 16),bg='mediumpurple4', fg='white')
bltxt.place(x=920,y=570)

root.mainloop()

```

Product Page 1- Shampoo:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
#from ttkbootstrap.scrolled import ScrolledFrame
from tkinter import messagebox

root=Tk()
root.title(" Shampoo")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

```

```

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(50):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#mycart button( menu bar)

#hairquiz
def hquiz():
    root.destroy()
    import hairquiz

#click_bind
def click_bind(e):
    if cval.get()=='16oz':
        price_label1.config(text='$27.00')
    elif cval.get()=='8oz':

```

```
price_label.config(text='$21.00')
```

```
#mycart button( menu bar)
```

```
def finalbill():
```

```
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
```

```
    if mboxm:
```

```
        import mycart
```

```
def hairb():
```

```
    value=Var1.get()
```

```
    if value=='option1':
```

```
        root.destroy()
```

```
        import cshampoo
```

```
    elif value=='option2':
```

```
        root.destroy()
```

```
        import csconditioner
```

```
    elif value=='option3':
```

```
        root.destroy()
```

```
        import cshairserum
```

```
    elif value=='option4':
```

```
        root.destroy()
```

```
        import cshairmask
```

```
    elif value=='option5':
```

```
        root.destroy()
```

```
        import csstylingprimer
```

```
def bodyb():
```

```
    value=Var11.get()
```

```
    if value=='optiona':
```

```
        root.destroy()
```

```
        import csbw
```

```
    elif value=='optionb':
```

```
        root.destroy()
```

```
        import cshowergel
```

```
    elif value=='optionc':
```

```
        root.destroy()
```

```
        import csbl
```

```
    elif value=='optiond':
```

```
        root.destroy()
```

```
        import csbodyscrub
```

```
#ingredients
```

```
def ing():
```

```
    root.destroy()
```

```
    import ingredients
```

```
#coupon
```

```
frame1=Frame(my_frame)
```

```
frame1.place(x=0, y=0)
```

```

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3,
bd=0,highlightthickness=0)
menu.grid(row=0,column=0)

#Hair
MenuBttn = Menubutton(my_frame, text = "                HAIR                ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',
                    activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBttn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBttn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBttn.place(x=240,y=56)

#Body
MenuBttn2 = Menubutton(my_frame, text = "                BODY                ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

```

```
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb', command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)
```

```
MenuBttn2["menu"] = Menu2
```

```
#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')
```

```
MenuBttn2.place(x=370,y=56)
```

```
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
#to change colour/font etc for drop down menu
```

```
MenuBttn3.place(x=550,y=56)
```

```
#Ingrediants
```

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#-----
```

```
#Photoslider
```

```
pics_list=['shampoo.jpeg', "shampoo1.jpg","shampoo2.jpg", "shampoo3.jpg"]
```

```
index=0
```

```
def previousImage():
    global index, img
    index-=1

    if index < 0:
        index= len(pics_list) - 1

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=60,y=130)
```

```
def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=60,y=130)
```

```
image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)
```

```
image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')
```

```
lbl_picture=tk.Label()
```

```
lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)
```

```
nextImage()
```

```
#Title
```

```

cshamhead=Image.open('cshamhead.png')
cshamtk=ImageTk.PhotoImage(cshamhead)
cshamlab=Label(my_frame, image=cshamtk, bd=0, highlightthickness=0)
cshamlab.place(x=530,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity:  ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

values=['8oz',
        '16oz']
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$21.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26,cursor='hand2',command=hquiz)
create_button.place(x=565,y=370)
#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "

```



```

text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110    #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
    - Improves shine, smoothness and manageability when used \n with your Custom Conditioner.

- Gently dissolves daily impurities, product build up,dirt
  and excess oil.

- Draws in additional moisture, improving elasticity and
  reducing breakage.
"""

label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640)

#prod desc
label4= Label(my_frame, text="Key Ingrediants  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=730,y=600)

shaming=Image.open('shaming.png')
rshaming=shaming.resize((464,210))
tkshaming=ImageTk.PhotoImage(rshaming)
labeling= Label(my_frame, image=tkshaming, bg='white', fg='black')
labeling.place(x=710,y=650)

root.mainloop()

```

Product Page 2 - Conditioner:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("    Conditioner")

#root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen

```

```

width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

#scrollbar
# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='16oz':
        price_label.config(text='$27.00')
    elif cval.get()=='8oz':
        price_label.config(text='$21.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def hairb():

```

```

value=Var1.get()
if value=='option1':
    root.destroy()
    import cshampoo
elif value=='option2':
    root.destroy()
    import csconditioner
elif value=='option3':
    root.destroy()
    import cshairserum
elif value=='option4':
    root.destroy()
    import cshairmask
elif value=='option5':
    root.destroy()
    import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#ingredients
def ing():
    root.destroy()
    import ingredients

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
,font=('Times New roman',12),anchor='w'
, bg='lavender', fg='black', width=root.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)

```

```
frame2.place(x=0,y=45)
```

```
menu= Label(frame2,bg='dark slate blue', width=root.winfo_screenwidth(),height=3,  
bd=0,highlightthickness=0)  
menu.grid(row=0,column=0)
```

```
#Hair
```

```
MenuBttn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New  
roman',12),relief = RAISED,  
                    bg='dark slate blue',fg='white',activeforeground='lavender',  
                    activebackground='darkslateblue',bd=0,cursor='hand2')
```

```
Var1=StringVar()  
Var2=StringVar()  
Var3=StringVar()
```

```
Menu1 = Menu(MenuBttn, tearoff = 0)
```

```
Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)  
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)  
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)  
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)  
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',  
command=hairb)
```

```
MenuBttn["menu"] = Menu1  
#to change colour/font etc for drop down menu  
Menu1.config(bg='lavender')
```

```
MenuBttn.place(x=240,y=56)
```

```
#Body
```

```
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New  
roman',12),relief = RAISED,  
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                    activeforeground='lavender',bd=0,cursor='hand2')
```

```
Var11 = StringVar()  
Var12 = StringVar()  
Var13 = StringVar()
```

```
Menu2 = Menu(MenuBttn2, tearoff = 0)
```

```
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)  
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)  
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)  
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)
```

```

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingreadiants
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=710,y=56)

MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

#-----

#Photoslider
pics_list=[ "conditioner1.jpg", "conditioner2.jpg", "shampoo4.jpg", 'conditioner.jpeg']

index=0

def previousImage():
    global index, img
    index-=1

```

```

if index < 0:
    index= len(pics_list) - 1

img=Image.open(pics_list[index])
img=img.resize((400, 400))
img= ImageTk.PhotoImage(img)
label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=62,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0
    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

nextImage()

#Title

condhead=Image.open(' condhead.png')
condtk=ImageTk.PhotoImage(condhead)
condlab=Label(my_frame, image=condtk, bd=0, highlightthickness=0)
condlab.place(x=530,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity:  ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

```

```

values=['8oz',
        '16oz']
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$21.00', font=('Microsoft Yahei UI Light', 22,'bold'),
                  bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
                      bg='black' , fg='white', activebackground='black',
                      activeforeground='white',width=26)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
               highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
              fg='Black')

```

```

label2.place(x=20,y=600)

insert_text= """
- Improves shine, smoothness and manageability
when used with your Custom Shampoo.

"""

label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Hydrates and conditions hair.

"""

label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=710, anchor='nw')

insert_text2= """
- Draws in additional moisture, improving elasticity
and reducing breakage.

"""

label5= Label(my_frame, text=insert_text2, font=('Georgia', 14), bg='white', fg='black')
label5.place(x=20,y=760, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredient ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=730,y=600)

conding=Image.open('conding.png')
rconding=conding.resize((389,210))
tkconding=ImageTk.PhotoImage(rconding)
labeling= Label(my_frame, image=tkconding, bg='white', fg='black')
labeling.place(x=695,y=650)

root.mainloop()

```

Product Page 3 - Hair Mask:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("    Hair Mask")

```



```

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

#scrollbar
# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='7.5oz':
        price_label.config(text='$24.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')

```

```

if mboxm:
    import mycart

#hairquiz
def hquiz():
    root.destroy()
    import hairquiz

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#ingredients
def ing():
    root.destroy()
    import ingredients

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

```

```

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3,
bd=0,highlightthickness=0)
menu.grid(row=0,column=0)

#Hair

MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',
                    activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBtn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBtn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBtn.place(x=240,y=56)

#Body
MenuBtn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

```

```

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb', command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=710,y=56)

MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

```

```

#-----

#Photoslider
pics_list=['hairmask4.jpg','hairmask.jpg','hairmask2.jpg','hairmask3.jpg']

index=0

def previousImage():
    global index, img
    index-=1

    if index < 0:
        index= len(pics_list) - 1

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

```

```
nextImage()

#Title

hshead=Image.open('hmhead.png')
hstk=ImageTk.PhotoImage(hshead)
hslab=Label(my_frame, image=hstk, bd=0, highlightthickness=0)
hslab.place(x=535,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity: ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

values=['7.5oz', '1oz', '2oz', '3oz', '4oz', '5oz', '6oz', '8oz', '1lb']
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$29.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26, cursor='hand2', command=hquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - 
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
```

```

Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
- Hydrates + deep conditions

"""
label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Restores softness + shine
"""
label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

insert_text2= """
- Improves overall hair health + helps address damage

"""
label5= Label(my_frame, text=insert_text2, font=('Georgia', 14), bg='white', fg='black')
label5.place(x=20,y=760, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredients ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)

hming=Image.open('hming.png')
rhming=hming.resize((497,170))
tkhming=ImageTk.PhotoImage(rhming)
labeling= Label(my_frame, image=tkhming, bg='white', fg='black')
labeling.place(x=645,y=650)

root.mainloop()

```

Product Page 4- Hair Serum

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

```

```

from tkinter import messagebox

root=Tk()
root.title("    Hair Serum")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

#scrollbar

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()
#click_bind
def click_bind(e):
    if cval.get()=='5oz':
        price_label.config(text='$37.00')
    elif cval.get()=='3oz':
        price_label.config(text='$29.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')

```



```

if mboxm:
    import mycart

#hairquiz
def hquiz():
    root.destroy()
    import hairquiz

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#ingredients
def ing():
    root.destroy()
    import ingredients

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

```

```

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3,
bd=0,highlightthickness=0)
menu.grid(row=0,column=0)

#Hair

MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',
                    activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBtn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBtn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBtn.place(x=240,y=56)

#Body
MenuBtn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

```

```

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb', command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=710,y=56)

MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

#-----

```

```

#Photoslider
pics_list=['hairserum4.jpeg', "hairserum.jpg", "hairserum3.jpg","hairserum2.jpg"]

index=0

def previousImage():
    global index, img
    index-=1

    if index < 0:
        index= len(pics_list) - 1

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)
def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

nextImage()

#Title

```

```

hshead=Image.open('hshead.png')
hstk=ImageTk.PhotoImage(hshead)
hslab=Label(my_frame, image=hstk, bd=0, highlightthickness=0)
hslab.place(x=530,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity:  ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)


values=['3oz',
        '5oz',
        '']
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$29.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26, command=hquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty

```

```

Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
- Reduces frizz by 70%.

"""
label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Improves shine 26x more than untreated hair.

"""
label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

insert_text2= """
- Protects hair from thermal damage up to 400°F.

"""
label5= Label(my_frame, text=insert_text2, font=('Georgia', 14), bg='white', fg='black')
label5.place(x=20,y=760, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredients ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)

hsing=Image.open('hsing.png')
rhsing=hsing.resize((498,210))
tkhsing=ImageTk.PhotoImage(rhsing)
labeling= Label(my_frame, image=tkhsing, bg='white', fg='black')
labeling.place(x=650,y=650)

root.mainloop()

```

Product Page 5: Styling Primer:

```

import tkinter as tk
from tkinter import *

```

```

from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("    Styling Primer")

#root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

#scrollbar

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='6oz':
        price_label.config(text='$29.00')
```

```

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def hquiz():
    root.destroy()
    import hairquiz

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

frame1=Frame(my_frame)
frame1.place(x=0, y=0)

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

```



```

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3,
bd=0,highlightthickness=0)
menu.grid(row=0,column=0)

#Hair
MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',
                    activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBtn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBtn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBtn.place(x=240,y=56)

#Body
MenuBtn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBtn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)

```

```

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn3.place(x=550,y=56)

#Ingreadiants
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=710,y=56)

MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

#-----

#Photoslider
pics_list=['stypri.jpg','stypri1.jpg','stypri2.jpg']

index=0

def previousImage():
    global index, img
    index-=1

    if index < 0:
        index= len(pics_list) - 1

```

```

img=Image.open(pics_list[index])
img=img.resize((400, 400))
img= ImageTk.PhotoImage(img)
label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=62,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

nextImage()

#Title

sphead=Image.open('sphead.png')
sptk=ImageTk.PhotoImage(sphead)
splab=Label(my_frame, image=sptk, bd=0, highlightthickness=0)
splab.place(x=550,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity: ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

```

```

values=['6oz'
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$29.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26,cursor='hand2', command=hquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= ""

```

- Customized with your unique goals to help achieve any style you desire with ease.

"""

```
label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')
```

insert_text1= """

- Protects hair from heat damage up to 450°F,
color from fading or shifting, and defends
against UV and environmental aggressors.

"""

```
label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=710, anchor='nw')
```

#prod desc

```
label4= Label(my_frame, text="Key Ingredients ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)
```

```
sping=Image.open('sping.png')
rsping=sping.resize((476,210))
tksping=ImageTk.PhotoImage(rsping)
labeling= Label(my_frame, image=tksping, bg='white', fg='black')
labeling.place(x=645,y=650)
```

```
root.mainloop()
```

Product Page 6- Body Scrub:

```
import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox
```

```
root=Tk()
root.title(" Body Scrub ")
```

```
root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')
```

```
#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()
```

```
#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)
```

```
# scrollbar Create a Canvas widget within a Frameher
```

```

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='12oz':
        price_label.config(text='$47.00')
    elif cval.get()=='8oz':
        price_label.config(text='$35.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def bquiz():
    root.destroy()
    import bodyquiz

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner

```

```

elif value=='option3':
    root.destroy()
    import cshairserum
elif value=='option4':
    root.destroy()
    import cshairmask
elif value=='option5':
    root.destroy()
    import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#-----

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#-----

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,53))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

```

```

#Hair
MenuBttn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBttn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBttn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBttn.place(x=240,y=56)

#Body
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

```



```
MenuBttn3= Button(my_frame, text =" ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')
```

#to change colour/font etc for drop down menu

```
MenuBttn3.place(x=550,y=56)
```

#Ingreadiants

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
MenuBttn5.place(x=900,y=56)
```

#MYCART

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

#-----

#Photoslider

```
pics_list=['bodyscrub1.jpg', 'bodyscrub.jpg','bodyscrub2.jpg']
```

```
index=0
```

```
def previousImage():
    global index, img
    index-=1
```

```
    if index < 0:
        index= len(pics_list) - 1
```

```
    img=Image.open(pics_list[index])
    img=img.resize((430, 400))
    img= ImageTk.PhotoImage(img)
```

```

label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=53,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((430, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=53,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=3,y=300)
lbl_next.place(x=483,y=300)

nextImage()

#Title

bshead=Image.open('bshead.png')
bstk=ImageTk.PhotoImage(bshead)
bslab=Label(my_frame, image=bstk, bd=0, highlightthickness=0)
bslab.place(x=535,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity: ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

values=[' 8oz',
        '12oz']

```

```

cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
          bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$35.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26,cursor='hand2', command=bquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= ""
- Encourages the rejuvenation of skin

```

```

"""
label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Exfoliation + Moisturization

"""

label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredient  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)

bwing=Image.open('bodying.png')
rbwing=bwing.resize((397,100))
tkbwing=ImageTk.PhotoImage(rbwing)
labeling= Label(my_frame, image=tkbwing, bg='white', fg='black')
labeling.place(x=645,y=650)

root.mainloop()

```

Product Page 7- Body Lotion:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("    Body Lotion")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get width & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())

```

```

        canvas.config(scrollregion=(0,0,size[0],size[1]))
        if my_frame.winfo_reqwidth() != canvas.winfo_width():
            canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#mycart button( menu bar)
def finalbill():
    messagebox.showinfo('Welcome','Your cart is empty!, Start shopping by using the menubar or homepage!')

#hairquiz
def bquiz():
    root.destroy()
    import bodyquiz

#click_bind
def click_bind(e):
    if cval.get()=='16oz':
        price_label.config(text='$30.00')
    elif cval.get()=='8oz':
        price_label.config(text='$21.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def hairb():
    value=Var1.get()
    if value=='option1':

```

```

        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)
heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#-----
#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,53))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)

```

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

```
#Hair
```

```
MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New  
roman',12),relief = RAISED,  
                    bg='dark slate blue',fg='white',activeforeground='lavender',  
                    activebackground='darkslateblue',bd=0,cursor='hand2')
```

```
Var1=StringVar()
```

```
Var2=StringVar()
```

```
Var3=StringVar()
```

```
Menu1 = Menu(MenuBtn, tearoff = 0)
```

```
Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)  
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)  
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)  
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)  
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',  
command=hairb)
```

```
MenuBtn["menu"] = Menu1
```

```
#to change colour/font etc for drop down menu
```

```
Menu1.config(bg='lavender')
```

```
MenuBtn.place(x=240,y=56)
```

```
#Body
```

```
MenuBtn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New  
roman',12),relief = RAISED,  
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                    activeforeground='lavender',bd=0,cursor='hand2')
```

```
Var11 = StringVar()
```

```
Var12 = StringVar()
```

```
Var13 = StringVar()
```

```
Menu2 = Menu(MenuBtn2, tearoff = 0)
```

```
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)  
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)  
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)  
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)
```

```
MenuBtn2["menu"] = Menu2
```

```
#to change colour/font etc for drop down menu
```

```
Menu2.config(bg='lavender')
```

```
MenuBttn2.place(x=370,y=56)
```

```
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
#to change colour/font etc for drop down menu
```

```
MenuBttn3.place(x=550,y=56)
```

```
#Ingreadiants
```

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
#Reviews
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,  
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',  
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#-----
```

```
#Photoslider
```

```
pics_list=['bodylotion.jpg','bodylotion2.jpg','cbw3.jpg']
```

```
index=0
```

```
def previousImage():  
    global index, img  
    index-=1
```

```
    if index < 0:  
        index= len(pics_list) - 1
```



```

img=Image.open(pics_list[index])
img=img.resize((400, 400))
img= ImageTk.PhotoImage(img)
label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=62,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

nextImage()

#Title

blhead=Image.open('blhead.png')
bltk=ImageTk.PhotoImage(blhead)
bllab=Label(my_frame, image=bltk, bd=0, highlightthickness=0)
bllab.place(x=535,y=120)

#select quantity

```

```

label5= Label(my_frame, text="Select Quantity:  ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)


values=['8oz',
        '16oz'
        ]
cval=tk.StringVar()
cval.set(values[0])


qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)


price_label=Label(my_frame, text='$21.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)


create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26, cursor='hand2', command=bquiz)
create_button.place(x=565,y=370)


#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)


canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - 
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty 
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist 
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI 
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

```

```

#Key benefits
label2= Label(my_frame, text="Key Benefits  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
- Helps Minimize Aging Signs

"""

label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Rehydrates Dry Skin

"""

label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredient  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)

bwing=Image.open('bodying.png')
rbwing=bwing.resize((397,100))
tkbwing=ImageTk.PhotoImage(rbwing)
labeling= Label(my_frame, image=tkbwing, bg='white', fg='black')
labeling.place(x=645,y=650)

root.mainloop()

```

Product Page 8- Body Wash:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("    Body Wash")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

```

```

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='12oz':
        price_label.config(text='$35.00')
    elif cval.get()=='8oz':
        price_label.config(text='$27.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def bquiz():
    root.destroy()
    import bodyquiz

```

```

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#-----
#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,53))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)

```

```
imglabel.place(x=25,y=45)
```

```
menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)
```

```
#Hair
```

```
MenuBttn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')
```

```
Var1=StringVar()
```

```
Var2=StringVar()
```

```
Var3=StringVar()
```

```
Menu1 = Menu(MenuBttn, tearoff = 0)
```

```
Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)
```

```
MenuBttn["menu"] = Menu1
```

```
#to change colour/font etc for drop down menu
```

```
Menu1.config(bg='lavender')
```

```
MenuBttn.place(x=240,y=56)
```

```
#Body
```

```
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')
```

```
Var11 = StringVar()
```

```
Var12 = StringVar()
```

```
Var13 = StringVar()
```

```
Menu2 = Menu(MenuBttn2, tearoff = 0)
```

```
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)
```

```
MenuBttn2["menu"] = Menu2
```

```
#to change colour/font etc for drop down menu
```

```
Menu2.config(bg='lavender')
```

```
MenuBttn2.place(x=370,y=56)
```

```
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
#to change colour/font etc for drop down menu
```

```
MenuBttn3.place(x=550,y=56)
```

```
#Ingreadiants
```

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,  
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',  
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#-----
```

```
#Photoslider
```

```
pics_list=['cbw1.jpg','cbw2.jpg','cbw3.jpg']
```

```
index=0
```

```
def previousImage():
```

```
    global index, img
```

```
    index-=1
```

```
    if index < 0:
```

```
        index= len(pics_list) - 1
```

```

img=Image.open(pics_list[index])
img=img.resize((400, 400))
img= ImageTk.PhotoImage(img)
label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=62,y=110)

def nextImage():
    global index, img

    index+=1
    if index > len(pics_list) - 1:
        index=0

    img=Image.open(pics_list[index])
    img=img.resize((400, 400))
    img= ImageTk.PhotoImage(img)
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
    label1.place(x=62,y=110)

image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)

image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')

lbl_picture=tk.Label()

lbl_previous.place(x=10,y=300)
lbl_next.place(x=463,y=300)

nextImage()

#Title

bwhead=Image.open('bwhead.png')
bwtk=ImageTk.PhotoImage(bwhead)
bwlab=Label(my_frame, image=bwtk, bd=0, highlightthickness=0)
bwlab.place(x=540,y=120)

#select quantity

label5= Label(my_frame, text="Select Quantity: ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

```



```

values=['8oz',
        '12oz']
cval=tk.StringVar()
cval.set(values[0])

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$27.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26,cursor='hand2', command=bquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits

```

```

label2= Label(my_frame, text="Key Benefits  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
- Hydrating and moisturising properties

"""

label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')
label3.place(x=20,y=640, anchor='nw')

insert_text1= """
- Efficient method to exfoliate your skin,
along with adding smoothness

"""

label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredients  ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)
bwing=Image.open('bodying.png')
rbwing=bwing.resize((397,100))
tkbwing=ImageTk.PhotoImage(rbwing)
labeling= Label(my_frame, image=tkbwing, bg='white', fg='black')
labeling.place(x=645,y=650)

root.mainloop()

```

Product Page 9- Shower gel:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox

root=Tk()
root.title("  Shower Gel ")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

```

```

# scrollbar Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=tk.Frame(canvas, bg='white')
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(45):
    my_label=tk.Label(my_frame, text="", bg='white')
    my_label.pack()

#click_bind
def click_bind(e):
    if cval.get()=='16oz':
        price_label.config(text='$32.00')
    elif cval.get()=='10oz':
        price_label.config(text='$23.00')

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        import mycart

def bquiz():
    root.destroy()
    import bodyquiz
def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()

```

```

        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#coupon
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=root.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

menu= Label(frame2,bg='dark slate blue', width=root.winfo_screenwidth(),height=3,
bd=0,highlightthickness=0)
menu.grid(row=0,column=0)

#Hair

MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',

```

```
activebackground='darkslateblue',bd=0,cursor='hand2')
```

```
Var1=StringVar()
```

```
Var2=StringVar()
```

```
Var3=StringVar()
```

```
Menu1 = Menu(MenuBttn, tearoff = 0)
```

```
Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)
```

```
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
```

```
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
```

```
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
```

```
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',  
command=hairb)
```

```
MenuBttn["menu"] = Menu1
```

```
#to change colour/font etc for drop down menu
```

```
Menu1.config(bg='lavender')
```

```
MenuBttn.place(x=240,y=56)
```

```
#Body
```

```
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New  
roman',12),relief = RAISED,
```

```
bg='dark slate blue',fg='white',activebackground='darkslateblue',  
activeforeground='lavender',bd=0,cursor='hand2')
```

```
Var11 = StringVar()
```

```
Var12 = StringVar()
```

```
Var13 = StringVar()
```

```
Menu2 = Menu(MenuBttn2, tearoff = 0)
```

```
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)
```

```
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)
```

```
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)
```

```
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)
```

```
MenuBttn2["menu"] = Menu2
```

```
#to change colour/font etc for drop down menu
```

```
Menu2.config(bg='lavender')
```

```
MenuBttn2.place(x=370,y=56)
```

```
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,  
bg='dark slate blue',fg='white',activebackground='darkslateblue',  
activeforeground='lavender',bd=0,cursor='hand2')
```

```
#to change colour/font etc for drop down menu
```

```
MenuBttn3.place(x=550,y=56)
```

```
#Ingreadiants
```

```
MenuBttn4= Button(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
MenuBttn5=Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,  
                 bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                 activeforeground='lavender',bd=0,cursor='hand2')
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,  
                 bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',  
                 activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#-----
```

```
#Photoslider
```

```
pics_list=['showergel2.jpg','showergel1.jpg','showergel.jpg']
```

```
index=0
```

```
def previousImage():
```

```
    global index, img
```

```
    index-=1
```

```
    if index < 0:
```

```
        index= len(pics_list) - 1
```

```
    img=Image.open(pics_list[index])
```

```
    img=img.resize((430, 400))
```

```
    img= ImageTk.PhotoImage(img)
```

```
    label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
```

```
    label1.place(x=53,y=110)
```

```
def nextImage():
```

```

global index, img

index+=1
if index > len(pics_list) - 1:
    index=0

img=Image.open(pics_list[index])
img=img.resize((430, 400))
img= ImageTk.PhotoImage(img)
label1= Label(my_frame, image=img, bg='black',bd=0,highlightthickness=0)
label1.place(x=53,y=110)


image1=Image.open("next.jpg")
resize_image1=image1.resize((50, 50))
img1= ImageTk.PhotoImage(resize_image1)
lbl_next=tk.Button(my_frame, image=img1, bd=0, bg='white', activebackground='white',
cursor='hand2', command=nextImage)


image2=Image.open("previous.jpg")
resize_image2=image2.resize((50, 50))
img2= ImageTk.PhotoImage(resize_image2)
lbl_previous=tk.Button(my_frame, image=img2, command=previousImage, bd=0, bg='white',
activebackground='white', cursor='hand2')


lbl_picture=tk.Label()

lbl_previous.place(x=3,y=300)
lbl_next.place(x=483,y=300)

nextImage()

#Title

sghead=Image.open('sghead.png')
sgtk=ImageTk.PhotoImage(sghead)
sglab=Label(my_frame, image=sgtk, bd=0, highlightthickness=0)
sglab.place(x=535,y=120)


#select quantity

label5= Label(my_frame, text="Select Quantity:  ", font=('Georgia', 19), bg='white', fg='black')
label5.place(x=565,y=220)

values=['10oz',
        '16oz'
        ]
cval=tk.StringVar()
cval.set(values[0])

```

```

qty=OptionMenu(my_frame, cval, *values,command=click_bind)
qty.config(bg='white',fg='black', activeforeground='black', activebackground='white',
           bd=0, width=30, cursor='hand2')
qty['menu'].config(bg='white', activeforeground='black', activebackground='lavender',bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=565,y=290)

price_label=Label(my_frame, text='$23.00', font=('Microsoft Yahei UI Light', 22,'bold'),
bg='white', fg='black')
price_label.place(x=870,y=280)

create_button= Button(my_frame, text='CREATE YOUR FORMULA', font=('Times new roman', 20),
bg='black' , fg='white', activebackground='black',
                    activeforeground='white',width=26,cursor='hand2', command=bquiz)
create_button.place(x=565,y=370)

#scrolling text
def shift():
    x1,y1,x2,y2 = canvas1.bbox("marquee")
    if(x2<0 or y1<0): #reset the coordinates
        x1 = canvas1.winfo_width()
        y1 = canvas1.winfo_height()//2
        canvas1.coords("marquee",x1,y1)
    else:
        canvas1.move("marquee", -2, 0)
    canvas1.after(1000//fps,shift)

canvas1=Canvas(my_frame,bg='lavender',width=my_frame.winfo_screenwidth(),height=50,bd=0,
highlightthickness=0)
canvas1.place(x=0,y=530)
text_var="100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan -
Paraben Free - Cruelty Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty
Free - Dermatologist Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist
Tested - 100% Vegan - Paraben Free - Cruelty Free - Dermatologist Tested - "
text=canvas1.create_text(0,-2000,text=text_var,font=('Microsoft Yahei UI
Light',15,'bold'),fill='darkslateblue',tags=("marquee",),anchor='w')
x1,y1,x2,y2 = canvas1.bbox("marquee")
fps=110 #Change the fps to make the animation faster/slower
shift()

#Key benefits
label2= Label(my_frame, text="Key Benefits ", font=('Times New Roman', 24),bg='white',
fg='Black')
label2.place(x=20,y=600)

insert_text= """
- Moisturizing effects with exfoliation

"""

label3= Label(my_frame, text=insert_text, font=('Georgia', 14), bg='white', fg='black')

```



```

label3.place(x=20,y=640, anchor='nw')
insert_text1= """
- Rehydrates Dry Skin

"""

label4= Label(my_frame, text=insert_text1, font=('Georgia', 14), bg='white', fg='black')
label4.place(x=20,y=700, anchor='nw')

#prod desc
label4= Label(my_frame, text="Key Ingredients ", font=('Times New Roman', 24),bg='white',
fg='Black')
label4.place(x=670,y=600)

bwing=Image.open('bodying.png')
rbwing=bwing.resize((397,100))
tkbwing=ImageTk.PhotoImage(rbwing)
labeling= Label(my_frame, image=tkbwing, bg='white', fg='black')
labeling.place(x=645,y=650)
root.mainloop()

```

Hair Quiz:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import messagebox
from tkinter import ttk
from mysql.connector import (connection)
from tkinter import messagebox
import product_data

window=Tk()
window.grid()
window.title("Hair Quiz")
width=window.winfo_screenwidth()
height=window.winfo_screenheight()

#set screensize as fullscreen and not resizable
window.geometry("%dx%d"%(width,height))
window.resizable(True, False)

bg=Image.open("bg8.png")
resize_bgImage=bg.resize((width, 700))
bgImage= ImageTk.PhotoImage(resize_bgImage)

bgLabel= Label(window, image=bgImage)
bgLabel.place(x=0, y=0)
#idk why this is req
# Make sure the image doesn't get garbage collected
bgLabel.img = bgImage

#-----

```

```

#database connection
cnx = connection.MySQLConnection(user='root', password='sisira@dl07', host='localhost',
database='ingredients')
mycursor=cnx.cursor()
#-----functions to display the images for each product -----
clicked_buttons1=set()
def button_clicked1(button_num):
    clicked_buttons1.add(button_num)

def show_result_button1():
    if len(clicked_buttons1) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    else:
        show_ingredients()
def shampoo_colours():
    global radio_button1, image_refs1, radio_var_s, shampoo_image
    k=1
    image_refs1 = {}
    #essential to display all the images otherwise only the last
image will be displayed

    radio_var_s = StringVar()
    shampoo_image={"blue":"blue_s.png", "pink":"pink_s.png", "green":"green_s.png",
"orange":"orange_s.png", "white":"white_s.png" }
    for colour in shampoo_image:

        img = Image.open(shampoo_image[colour])
        img1 = img.resize((100, 200))
        img2 = ImageTk.PhotoImage(img1)
        image_refs1[colour] = img2
        radio_button1=tkk.Radiobutton(frame_s, variable=radio_var_s, value=colour, image=img2,
command=lambda: button_clicked1(k))
        radio_button1.image = img2
        radio_button1.pack(side="left", padx=20, pady=60)
        k+=1
def conditioner_colours():
    global radio_button2, radio_var_c, image_refs2, conditioner_image
    k=1
    image_refs2 = {}
    #essential to display all the images otherwise only the last
image will be displayed

    radio_var_c = StringVar()
    conditioner_image={"blue":"c_blue.png", "green":"c_green.png", "white":"c_white.png",
"pink":"c_pink.png", "orange":"c_orange.png"}
    for colour in conditioner_image:

        img = Image.open(conditioner_image[colour])
        img1 = img.resize((100, 200))
        img2 = ImageTk.PhotoImage(img1)
        image_refs2[colour] = img2
        radio_button2=tkk.Radiobutton(frame_c, variable=radio_var_c, value=colour, image=img2,
command=lambda: button_clicked1(k))
        radio_button2.image = img2

```

```

        radio_button2.pack(side="left", padx=20, pady=60)
        k+=1

def serum_colours():
    global radio_button3, radio_var_se
    k=1
        #essential to display all the images otherwise only the last image will be
displayed

        radio_var_se = StringVar()
        #conditioner_image={"blue":"c_blue.png", "green":"c_green.png", "white":"c_white.png",
"pink":"c_pink.png", "orange":"c_orange.png"}
        #for colour in conditioner_image:

        img = Image.open("hair_serum.jpg")
        img1 = img.resize((120, 220))
        img3 = ImageTk.PhotoImage(img1)
        radio_button3=ttk.Radiobutton(frame_se, variable=radio_var_se, value="Hair Serum",
image=img3, command=lambda: button_clicked1(k))
        radio_button3.image = img3
        radio_button3.pack(side="left", padx=200, pady=60)
        k+=1

def mask_colours():
    global radio_button4, radio_var_m, image_refs4, mask_image
    k=1
        image_refs4 = {}
        #essential to display all the images otherwise only the last
image will be displayed
        radio_var_m = StringVar()
        mask_image={"green":"m_green.png", "lavender":"m_lavender.png", "peach":"m_peach.png",
"white":"m_white.png"}
        for colour in mask_image:

            img = Image.open(mask_image[colour])
            img1 = img.resize((170, 170))
            img4 = ImageTk.PhotoImage(img1)
            image_refs4[colour] = img4
            radio_button4=ttk.Radiobutton(frame_m, variable=radio_var_m, value=colour, image=img4,
command=lambda: button_clicked1(k))
            radio_button4.image = img4
            radio_button4.pack(side="left", padx=18, pady=60)
            k+=1

def primer_colours():
    global radio_button5, radio_var_p, frame_px
    k=1
        radio_var_p = StringVar()
        #mask_image={"green":"m_green.png", "lavender":"m_lavender.png", "peach":"m_peach.png",
"white":"m_white.png"}
        #for colour in mask_image:

        img = Image.open("primer.jpg")
        img1 = img.resize((120, 220))

```

```

img5 = ImageTk.PhotoImage(img1)
radio_button5=ttk.Radiobutton(frame_px, variable=radio_var_p, value="Primer", image=img5,
command=lambda: button_clicked1(k))
radio_button5.image = img5
radio_button5.pack(side="left", padx=200, pady=60)
k+=1
#-----changing the function of next button-----
def next_button_clicked1():
    global current_frame
    if current_frame==frame10 and selected_count>=1:
        next_product_frame()
        current_frame=frame6
    else:
        if len(clicked_buttons1) == 0:
            messagebox.showinfo("Message", "Please select atleast one option")
        elif len(clicked_buttons1) >= 1:
            next_product_frame()

index2=0
def next_product_frame():
    global product_frame_current, index2, index1,clicked_buttons1,current_frame
    index2+=1
    progress.pack_forget()
    current_frame=frame6
    current_frame.pack_forget()    #hide the current frame
    #product_frame_current=product_frame_list[0]
    product_frame_current.pack_forget()
    progress1.pack()
    clicked_buttons1.clear()
    product_frame_current=product_frame_list[(product_frame_list.index(product_frame_current)+1)%
len(product_frame_list)]#move to next frame
    progress1["value"] = (index2 + 1) * 100 / len(product_frame_list)

    if product_frame_current==product_frame_list[len(product_frame_list)-1]:
        next1.place_forget()
        show_result.place(x=805, y=540)

    product_frame_current.pack()

#-----selectedproducts-----
def check_checkbox1(index9):
    check_vars9[index9].set(1)
    update_selected_count1()

def update_selected_count1():
    #dealing with
checkboxes----disabling after 5 selections
    global selected_count1
    selected_count1 = sum(var9.get() for var9 in check_vars9)
    if selected_count1==0:
        messagebox.showinfo("Message", "Please select atleast 1 product")
    elif selected_count1>=1:

```

```
show_selected_product()
```

```
def show_selected_product():
    global frame_s, a, product_frame_list, product_frame_current,
    selected_products, selected_count1
    selected_options9 = [options_p[j] for j, var9 in enumerate(check_vars9) if var9.get() == 1]
    #-----#selected products-----
    selected_products=[f"{option9}" for option9 in selected_options9]
    #next1.config(command=next_product_frame)

    product_frame_list=[frame10]
    #for a in range(len(selected_products)):
    for product in selected_products:
        if product=="Shampoo":
            product_frame_list.append(frame_s)

        elif product=="Conditioner":
            product_frame_list.append(frame_c)

        elif product=="Hair Serum":
            product_frame_list.append(frame_se)

        elif product=="Hair Mask":
            product_frame_list.append(frame_m)

        elif product=="Styling Primer":
            product_frame_list.append(frame_px)

    product_frame_current=product_frame_list[0]
    next1.config(command=next_button_clicked1)
    show_result.config(command=show_result_button1)
    #-----selectedgoals-----
def check_checkbox(index):
    check_vars[index].set(1)
    update_selected_count()

def update_selected_count():
    #dealing with
    checkboxes----disabling after 5 selections
    global selected_count
    selected_count = sum(var.get() for var in check_vars)
    for index, checkbox in enumerate(checkboxes):
        if selected_count >=5:
            checkbox.config(state="disabled")
        else:
            checkbox.config(state="normal")

    if selected_count == 5:
        messagebox.showinfo("Message", "You have selected 5 goals!")
        nextFrame()
    elif selected_count==0:
```

```

        messagebox.showinfo("Message", "Please select atleast 1 goal")
    #elif selected_count>=1:
        #nextFrame()

#-----
def show_selected_options():
    #displaying the selected goals in the
    ingredients page
    global selected_goals
    selected_options = [options[i] for i, var in enumerate(check_vars) if var.get() == 1]
    formatted_text = "\n\n".join([f"• {option}" for option in selected_options])

    #-----#selected goals-----
    selected_goals=[f"{option}" for option in selected_options]
    g_label.config(text=formatted_text)

#-----
def show_ingredients():
    global bgImage, final, g_label, in_frame2
    #removing the already placed
    things from the window
    progress.pack_forget()
    next1.place_forget()
    #back.place_forget()
    big_frame.pack_forget()
    current_frame.pack_forget()
    show_result.place_forget()

    #-----R E S U L T   P A G E   I N G E D I E N T S-----
    bg6=Image.open("bg6.png")
    resize_bgImage6=bg6.resize((width, 700))
    bgImage= ImageTk.PhotoImage(resize_bgImage6)
    bgLabel.config(image=bgImage)

    in_frame2=Frame(window, width=100, bg='#afecee')
    in_frame2.pack(side="left", padx=10, pady=200)

    g_label=Label(window, bg="#d4fcff", height=0, width=0, justify="left", font=('Georgia', 20))
    g_label.pack(side="right", padx=112)

    #next button
    final=Button(window, text="NEXT",font=('Georgia', 24), bd=0, fg="white", bg="black",
    activebackground="black", activeforeground="black", command=finalpg)
    final.place(x=1085, y=575)

    show_selected_options()

    for goal in selected_goals:
        query= (
            "SELECT image1 FROM shampoo1 WHERE goal=%s")

        mycursor.execute(query, (goal,))
        #to get all the images .....it will be a tuple inside a list [(image1.png,
        image2.png,...etc)]

```

```

image_path=mycursor.fetchall()
#for accessing the tuple
for i in image_path:
    #for accessing the image path one at a time and it will be placed side by side
    for k in i:
        img = Image.open(k)
        img = img.resize((165, 170))
        img = ImageTk.PhotoImage(img)
        ing_label = Label(in_frame2, image=img)
        ing_label.image = img # Keep a reference to avoid garbage collection
        ing_label.pack(side="left", padx=4)

cnx.close()

#-----Add to cart-----

def shamcart():
    quantity=1
    file1=open('bill.txt','a+')
    mbox=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo1.get()=='16oz':
            file1.write('Custom Shampoo (16 oz) - $27.00')
            file1.write('\n')
            q=16
            p=27
            product_data.insert_product('Shampoo', q , p)

        elif quantity_combo1.get()=='8oz':
            file1.write('Custom Shampoo (8 oz) - $21.00')
            file1.write('\n')
            q=8
            p=21
            product_data.insert_product('Shampoo', q , p)

def condcart():
    file1=open('bill.txt','a+')
    mbox2=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox2:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo2.get()=='16oz':
            file1.write('Custom Conditioner (16 oz) - $27.00')
            file1.write('\n')
            q=16
            p=27
            product_data.insert_product('Conditioner', q , p)

        elif quantity_combo2.get()=='8oz':
            file1.write('Custom Conditioner (8 oz) - $21.00')
            file1.write('\n')

```

```
q=8
p=21
product_data.insert_product('Conditioner', q , p)
```

```
def secart():
    file1=open('bill.txt','a+')
    mbox3=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox3:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo3.get()=='5oz':
            file1.write('Hair Serum (5 oz) - $31.00')
            file1.write('\n')
            q=5
            p=31
            product_data.insert_product('Hair Serum', q , p)

        elif quantity_combo3.get()=='3oz':
            file1.write('Hair Serum (3 oz) - $29.00')
            file1.write('\n')
            q=3
            p=29
            product_data.insert_product('Hair Serum', q , p)
```

```
def mcart():
    file1=open('bill.txt','a+')
    mbox4=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox4:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo4.get()=='5oz':
            file1.write('Hair Mask (5 oz) - $20.00')
            file1.write('\n')
            q=5
            p=20
            product_data.insert_product('Hair Mask', q , p)

        elif quantity_combo4.get()=='7oz':
            file1.write('Hair Mask (7 oz) - $24.00')
            file1.write('\n')
            q=7
            p=24
            product_data.insert_product('Hair Mask', q , p)
```

```
def spcart():
    file1=open('bill.txt','a+')
    mbox5=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox5:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo5.get()=='4oz':
            file1.write('Styling Primer (4 oz) - $24.00')
```



```

        file1.write('\n')
        q=4
        p=24
        product_data.insert_product('Styling Primer', q , p)

    elif quantity_combo5.get()=='6oz':
        file1.write('Styling Primer (6 oz) - $29.00')
        file1.write('\n')
        q=6
        p=29
        product_data.insert_product('Styling Primer', q , p)

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        window.destroy()
        import mycart

#-----
#click_bind to change the price when quantity is changed
def click_bind1(e):
    if quantity_combo1.get()=='16oz':
        price_label1.config(text='$27.00')
    elif quantity_combo1.get()=='8oz':
        price_label1.config(text='$21.00')

def click_bind2(e):
    if quantity_combo2.get()=='16oz':
        price_label2.config(text='$27.00')
    elif quantity_combo2.get()=='8oz':
        price_label2.config(text='$21.00')

def click_bind3(e):
    if quantity_combo3.get()=='5oz':
        price_label3.config(text='$31.00')
    elif quantity_combo3.get()=='3oz':
        price_label3.config(text='$29.00')

def click_bind4(e):
    if quantity_combo4.get()=='5oz':
        price_label4.config(text='$20.00')
    elif quantity_combo4.get()=='7oz':
        price_label4.config(text='$24.00')

def click_bind5(e):
    if quantity_combo5.get()=='4oz':
        price_label5.config(text='$24.00')
    elif quantity_combo5.get()=='6oz':
        price_label5.config(text='$29.00')

```

```

#-----
def next_product():
    global final_frame_current, index1, final_frame_list
    final_frame_current.pack_forget()
    final_frame_current=final_frame_list[(final_frame_list.index(final_frame_current)+1)%
len(final_frame_list)]#move to next frame

    if final_frame_current==final_frame_list[len(final_frame_list)-1]:
        next3.place_forget()
        final_frame_current.pack()
#-----
def finalpg():
    global bgImage, bgLabel, final_big, final_s, label_s2, quantity_combo1, quantity_combo2,
price_label1,price_label2,style, final_c, label_c2, selected_products, final_frame_list,
final_frame_current, next3
    in_frame2.pack_forget()
    g_label.pack_forget()
    final.place_forget()

    bg7=Image.open("bg100.png")
    resize_bgImage7=bg7.resize((width, 700))
    bgImage= ImageTk.PhotoImage(resize_bgImage7)
    bgLabel.config(image=bgImage)

    #-----F I N A L   P A G E-----
    final_big=Frame(window, width=1000, height=500, bg="#eae9f1")
    next3=Button(window, text="NEXT",font=('Georgia', 25), bd=0, width=17, fg="white",
bg="black", activebackground="black", activeforeground="black", command=next_product)
    next3.place(x=864, y=613)

    #final_s
    final_s=Frame(final_big, width=1000, height=500, bg="#eae9f1")
    #final_s.pack()

    bg20=Image.open("trial_s1.png")
    resize_bgImage20=bg20.resize((1000, 500))
    s_bgImage= ImageTk.PhotoImage(resize_bgImage20)
    #label_s1
    label_s1=Label(final_s, image=s_bgImage, bg="#eae9f1")
    label_s1.image=s_bgImage
    label_s1.place(x=0, y=0)
    label_s2=Label(final_s,width=200, height=300)
    label_s2.place(x=60, y=195)

    #1 add to basket button
    add_to_basket=Button(final_s, text="ADD TO BASKET",font=('Georgia', 25), bd=0,
                        width=14, fg="white", bg="black", activebackground="black",
activeforeground="black", command=shamcart)
    add_to_basket.place(x=579, y=430)

    #price label

```

```

    price_label1=Label(final_s, text='$21.00', font=('Microsoft Yahei UI Light', 21,'bold'),
bg='#caebda', fg='black')
    price_label1.place(x=905, y=62)

#option menu
quantity=["8oz", "16oz"]

quantity_combo1=tk.StringVar()
quantity_combo1.set(quantity[0])

qty=OptionMenu(final_s, quantity_combo1, *quantity,command=click_bind1)
qty.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
          bd=0, width=45, cursor='hand2')
qty['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1', bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=580, y=62)

style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Georgia', 25), bd=0, width=15)
frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
for i in range(len(frag)):
    frag_button=ttk.Button(final_s, text=frag[i])
    frag_button.place(x=580, y=180 + i*65, width=260, height=40)
shampoo_final()
#-----final_c-----
#final_c
final_c=Frame(final_big, width=1000, height=500, bg="#eae9f1")
final_c.pack()

bg19=Image.open("trial_c.png")
resize_bgImage19=bg19.resize((1000, 500))
c_bgImage= ImageTk.PhotoImage(resize_bgImage19)
#label_c1
label_c1=Label(final_c, image=c_bgImage, bg="#eae9f1")
label_c1.image=c_bgImage
label_c1.place(x=0, y=0)
label_c2=Label(final_c,width=200, height=300)
label_c2.place(x=60, y=195)

#2 add to basket button
add_to_basket2=Button(final_c, text="ADD TO BASKET",font=('Georgia', 25), bd=0, width=13,
fg="white",
                        bg="black", activebackground="black", activeforeground="black",
command=condcart)
add_to_basket2.place(x=618, y=423)

#price label

```

```

    price_label2=Label(final_c, text='$21.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
    price_label2.place(x=910, y=50)

    #option menu
    quantity2=["8oz", "16oz"]

    quantity_combo2=tk.StringVar()
    quantity_combo2.set(quantity2[0])

    qty2=OptionMenu(final_c, quantity_combo2, *quantity2,command=click_bind2)
    qty2.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
        bd=0, width=45, cursor='hand2')
    qty2['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
    qty2['highlightthickness']=0
    qty2.pack()
    qty2.place(x=580, y=62)

    style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Georgia', 25), bd=0, width=15)
    frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
    for i in range(len(frag)):
        frag_button=ttk.Button(final_c, text=frag[i])
        frag_button.place(x=610, y=170 + i*65, width=260, height=40)
    conditioner_final()

    #-----final_se-----
    global final_se, se_bgImage, label_se2, price_label3, quantity_combo3
    #final_se
    final_se=Frame(final_big, width=1000, height=500, bg="#eae9f1")
    #final_se.pack()

    bg18=Image.open("trial_se.png")
    resize_bgImage18=bg18.resize((1000, 500))
    se_bgImage= ImageTk.PhotoImage(resize_bgImage18)
    #label_se1
    label_se1=Label(final_se, image=se_bgImage, bg="#eae9f1")
    label_se1.image=c_bgImage
    label_se1.place(x=0, y=0)
    label_se2=Label(final_se,width=200, height=300)
    label_se2.place(x=60, y=195)

    #3 add to basket button
    add_to_basket3=Button(final_se, text="ADD TO BASKET",font=('Georgia', 25), bd=0, width=13,
        fg="white", bg="black", activebackground="black",
activeforeground="black", command=secart)
    add_to_basket3.place(x=610, y=423)

    #price label

```

```

    price_label3=Label(final_se, text='$29.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
    price_label3.place(x=910, y=53)

    style = ttk.Style()
    style.configure("TCombobox", padding=5, relief="flat", background="#caebda",
foreground="black")
    style.map("TCombobox", fieldbackground=[("readonly", "#caebda")])

    #option menu
    quantity3=["3oz", "5oz"]

    quantity_combo3=tk.StringVar()
    quantity_combo3.set(quantity3[0])

    qty3=OptionMenu(final_se, quantity_combo3, *quantity3,command=click_bind3)
    qty3.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
        bd=0, width=45, cursor='hand2')
    qty3['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
    qty3['highlightthickness']=0
    qty3.pack()
    qty3.place(x=580, y=62)

    style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Georgia', 25), bd=0, width=15)
    frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
    for i in range(len(frag)):
        frag_button=ttk.Button(final_se, text=frag[i])
        frag_button.place(x=610, y=172 + i*65, width=260, height=40)
    serum_final()

    #-----final_m-----
    global final_m, m_bgImage, label_m2, price_label4, quantity_combo4
    #final_m
    final_m=Frame(final_big, width=1000, height=500, bg="#eae9f1")
    #final_se.pack()

    bg17=Image.open("trial_m.png")
    resize_bgImage17=bg17.resize((1000, 500))
    m_bgImage= ImageTk.PhotoImage(resize_bgImage17)
    #label_m1
    label_m1=Label(final_m, image=m_bgImage, bg="#eae9f1")
    label_m1.image=m_bgImage
    label_m1.place(x=0, y=0)
    label_m2=Label(final_m,width=200, height=300, bg="#eae9f1" )
    label_m2.place(x=60, y=195)

    #4 add to basket button
    add_to_basket4=Button(final_m, text="ADD TO BASKET",font=('Georgia', 25), bd=0, width=13,

```

```

        fg="white", bg="black", activebackground="black",
activeforeground="black", command=mcart)
    add_to_basket4.place(x=604, y=425)

    #price label
    price_label4=Label(final_m, text='$20.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
    price_label4.place(x=910, y=56)

    #option menu
    quantity4=["5oz", "7oz"]

    quantity_combo4=tk.StringVar()
    quantity_combo4.set(quantity4[0])

    qty4=OptionMenu(final_m, quantity_combo4, *quantity4,command=click_bind4)
    qty4.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
        bd=0, width=45, cursor='hand2')
    qty4['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
    qty4['highlightthickness']=0
    qty4.pack()
    qty4.place(x=580, y=62)

    style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Georgia', 25), bd=0, width=15)
    frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
    for i in range(len(frag)):
        frag_button=tk.Button(final_m, text=frag[i])
        frag_button.place(x=602, y=175 + i*65, width=260, height=40)
    mask_final()

    #-----final_px-----
    global final_p, p_bgImage, label_p2, price_label5, quantity_combo5
    #final_m
    final_p=Frame(final_big, width=1000, height=500, bg="#eae9f1")
    #final_se.pack()

    bg16=Image.open("trial_p.png")
    resize_bgImage16=bg16.resize((1000, 500))
    p_bgImage= ImageTk.PhotoImage(resize_bgImage16)
    #label_p1
    label_p1=Label(final_p, image=p_bgImage, bg="#eae9f1")
    label_p1.image=p_bgImage
    label_p1.place(x=0, y=0)
    label_p2=Label(final_p,width=200, height=300, bg="#eae9f1" )
    label_p2.place(x=60, y=195)

    #5 add to basket button

```

```

    add_to_basket5=Button(final_p, text="ADD TO BASKET",font=('Georgia', 25), bd=0, width=13,
fg="white",
                                bg="black", activebackground="black", activeforeground="black",
command=spcart)
    add_to_basket5.place(x=604, y=425)

    #price label
    price_label5=Label(final_p, text='$24.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
    price_label5.place(x=907, y=55)

    #option menu
    quantity5=["4oz", "6oz"]

    quantity_combo5=tk.StringVar()
    quantity_combo5.set(quantity5[0])

    qty5=OptionMenu(final_p, quantity_combo5, *quantity5,command=click_bind5)
    qty5.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
                bd=0, width=45, cursor='hand2')
    qty5['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
    qty5['highlightthickness']=0
    qty5.pack()
    qty5.place(x=580, y=62)

    style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Georgia', 25), bd=0, width=15)
    frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
    for i in range(len(frag)):
        frag_button=tk.Button(final_p, text=frag[i])
        frag_button.place(x=602, y=173 + i*65, width=260, height=40)
    primer_final()

    if len(selected_products)==1:
        next3.place_forget()
    final_frame_list=[]
    for k in selected_products:
        if k=="Shampoo":
            final_frame_list.append(final_s)

        elif k=="Conditioner":
            final_frame_list.append(final_c)

        elif k=="Hair Serum":
            final_frame_list.append(final_se)

        elif k=="Hair Mask":
            final_frame_list.append(final_m)

        elif k=="Styling Primer":
            final_frame_list.append(final_p)

```

```

final_big.pack(pady=100)
final_frame_current=final_frame_list[0]
final_frame_current.pack()

def shampoo_final():
    global label_s2, img_s1, final_s, label, s_bgImage
    shampoo_value= radio_var_s.get() #to get colour from the image selected
    to display on the final page
    for choice in shampoo_image:
        if choice==shampoo_value:
            img = Image.open(shampoo_image[choice])
            img1 = img.resize((200, 300))
            img_s1 = ImageTk.PhotoImage(img1)
            label_s2.config(image=img_s1)
            label_s2.image=img_s1

def conditioner_final():
    global label_c2, img_c1
    conditioner_value= radio_var_c.get() #to get colour from the image
    selected to display on the final page
    for choice in conditioner_image:
        if choice==conditioner_value:
            img = Image.open(conditioner_image[choice])
            img1 = img.resize((200, 300))
            img_c1 = ImageTk.PhotoImage(img1)
            label_c2.config(image=img_c1)
            label_c2.image=img_c1

def serum_final():
    global label_se2, img_se1
    serum_value= radio_var_se.get()
    #for choice in conditioner_image:
    #if choice==conditioner_value:
    img = Image.open("hair_serum.jpg")
    img1 = img.resize((200, 300))
    img_se1 = ImageTk.PhotoImage(img1)
    label_se2.config(image=img_se1)
    label_se2.image=img_se1

def mask_final():
    global label_m4, img_m4
    mask_value= radio_var_m.get()
    for choice in mask_image:
        if choice==mask_value:
            img = Image.open(mask_image[choice])
            img1 = img.resize((210, 210))
            img_m1 = ImageTk.PhotoImage(img1)
            label_m2.config(image=img_m1)
            label_m2.image=img_m1

def primer_final():
    global label_p2, img_p1

```



```

primer_value= radio_var_p.get()
#for choice in conditioner_image:
    #if choice==conditioner_value:
img = Image.open("primer.jpg")
img1 = img.resize((200, 300))
img_p1 = ImageTk.PhotoImage(img1)
label_p2.config(image=img_p1)
label_p2.image=img_p1
#-----

```

```

def menubar():

```

```

def hairb():
    value=Var1.get()
    if value=='option1':
        window.destroy()
        import cshampoo
    elif value=='option2':
        window.destroy()
        import csconditioner
    elif value=='option3':
        window.destroy()
        import cshairserum
    elif value=='option4':
        window.destroy()
        import cshairmask
    elif value=='option5':
        window.destroy()
        import csstylingprimer

```

```

def bodyb():
    value=Var11.get()
    if value=='optiona':
        window.destroy()
        import csbw
    elif value=='optionb':
        window.destroy()
        import cshowergel
    elif value=='optionc':
        window.destroy()
        import csbl
    elif value=='optiond':
        window.destroy()
        import csbodyscrub

```

```

#ingredients

```

```

def ing():
    root.destroy()
    import ingredients

```

```

#menubar
frame2=Frame(window)
frame2.place(x=0,y=45)
menu= Label(frame2,bg='dark slate blue', width=window.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

#Hair
MenuBttn = Menubutton(window, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')
Var1=StringVar()
Var2=StringVar()
Var3=StringVar()
Menu1 = Menu(MenuBttn, tearoff = 0)
Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2',
command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3',
command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)
MenuBttn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')
MenuBttn.place(x=240,y=56)
#Body
MenuBttn2 = Menubutton(window, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')
Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()
Menu2 = Menu(MenuBttn2, tearoff = 0)
Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc',
command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond',
command=bodyb)
MenuBttn2["menu"] = Menu2
#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')
MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(window, text =" ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

```

```

#to change colour/font etc for drop down menu
MenuBttn3.place(x=550,y=56)

#Ingreadiants
MenuBttn4= Button(window, text = " INGREDIENTS ", font=('Times New roman',12),relief =
RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2', command=ing)
MenuBttn4.place(x=710,y=56)
#Reviews
MenuBttn5=Button(window, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')
MenuBttn5.place(x=900,y=56)
#MYCART
MenuBttn6=Button(window, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                    bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                    activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
MenuBttn6.place(x=1155,y=56)

menubar()
#-----
#big frame
big_frame=Frame(window, width=1000, height=560, bg="#e3e3ef")
big_frame.pack(pady=150)

#progress bar2
s1 = ttk.Style()
s1.theme_use('clam')
s1.configure("blue.Horizontal.TProgressbar", troughcolor = '#be96d6', background='#671399', bd=0)

progress1 = ttk.Progressbar(big_frame, orient="horizontal", style="blue.Horizontal.TProgressbar",
length=600, mode="determinate")
#progress1.pack()

#frame_s
frame_s=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#frame_c.pack_forget()
#product_frame_current.pack_forget()
#label1
label_s1=Label(frame_s, text=("Choose colour for your Shampoo"), font=('Georgia', 24),
bg="#e3e3ef")
label_s1.config(anchor=CENTER)
label_s1.place(x=15, y=13)
shampoo_colours()

#frame_c
frame_c=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")

```

```

#label1
label_c1=Label(frame_c, text=("Choose colour for your Conditioner"), font=('Georgia', 24),
bg="#e3e3ef")
label_c1.config(anchor=CENTER)
label_c1.place(x=15, y=13)
conditioner_colours()

#frame_se
frame_se=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
label_se1=Label(frame_se, text=("Select your Hair Serum: "), font=('Georgia', 24), bg="#e3e3ef")
#label_se1.config(anchor=CENTER)
label_se1.place(x=0, y=13)
serum_colours()

#frame_m
frame_m=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label_m1=Label(frame_m, text=("Choose colour for your Hair Mask"), font=('Georgia', 24),
bg="#e3e3ef")
label_m1.config(anchor=CENTER)
label_m1.place(x=15, y=13)
mask_colours()

#frame_p
frame_px=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label_p1=Label(frame_px, text=("Select your Styling Primer: "), font=('Georgia', 24),
bg="#e3e3ef")
#label_p1.config(anchor=CENTER)
label_p1.place(x=0, y=13)
primer_colours()

product_frame_list=[]
#product_frame_current=product_frame_list[0]

clicked_buttons = set()
def button_clicked(button_num):
    clicked_buttons.add(button_num)
def show_result_button():
    if len(clicked_buttons) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    else:
        show_ingredients()

def next_button_clicked():
    if current_frame==frame4:
        update_selected_count()
        if selected_count>=1:
            nextFrame()
    elif current_frame==frame10:
        update_selected_count1()

```

```

elif len(clicked_buttons) == 0:
    messagebox.showinfo("Message", "Please select atleast one option")
else:
    nextFrame()

index1=0
def nextFrame():
    #functionality for next button in the quiz frames
    global current_frame, index1, bgImage
    index1+=1
    current_frame.pack_forget() #hide the current frame
    current_frame=frame_list[(frame_list.index(current_frame)+1)% len(frame_list)]#move to next
frame
    progress["value"] = (index1 + 1) * 100 / len(frame_list)
    clicked_buttons.clear()
    if current_frame==frame1:
        bg=Image.open("bg8.png")
        resize_bgImage=bg.resize((width, 700))
        bgImage= ImageTk.PhotoImage(resize_bgImage)
        bgLabel.config(image=bgImage)
        #back.place_forget()
    elif current_frame==frame6:
        next1.place_forget()
        show_result.place(x=805, y=540)
    else:
        bg=Image.open("bg8.png")
        resize_bgImage=bg.resize((width, 700))
        bgImage= ImageTk.PhotoImage(resize_bgImage)
        bgLabel.config(image=bgImage)
        #back.place(x=230, y=549)
    current_frame.pack()

#-----
#progress bar
s = ttk.Style()
s.theme_use('clam')
s.configure("blue.Horizontal.TProgressbar", troughcolor = '#be96d6', background='#671399', bd=0)

progress = ttk.Progressbar(big_frame, orient="horizontal", style="blue.Horizontal.TProgressbar",
length=600, mode="determinate")
progress.pack()

#-----
#styling
style = ttk.Style()
style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 18), bd=0, width=15)

#frame1
frame1=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label1=Label(frame1, text="What is your natural hair type?", font=('Georgia', 24), bg="#e3e3ef")
label1.config(anchor=CENTER)

```

```

label1.grid(row=0, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame1, text="Straight", cursor='hand2',command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=50, pady=15)

#button2
button2=ttk.Button(frame1, text="Wavy", cursor='hand2',command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=50, pady=15)

#button3
button3=ttk.Button(frame1, text="Curly",command=lambda: button_clicked(2))
button3.grid(row=7, column=0, sticky="w", padx=50, pady=15)

#button4
button4=ttk.Button(frame1, text="Coily",command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=50, pady=15)

#-----
#styling
style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 18), bd=0, width=15)

#frame2
frame2=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame2, text=" What is troubling you about your hair?", font=('Georgia', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame2, text="Scalp issues", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=60, pady=15)

#button2
button2=ttk.Button(frame2, text="Fizz",command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=60, pady=15)

#button3
button3=ttk.Button(frame2, text="Dryness",command=lambda: button_clicked(3))
button3.grid(row=7, column=0, sticky="w", padx=60, pady=15)

#button4
button4=ttk.Button(frame2, text="Lack of volume",command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=60, pady=15)

#frame3
frame3=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")
#styling

```

```

style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 15), bd=0, width=19)

#label1
label1=Label(frame3, text="How often do you wash your hair?", font=('Georgia', 24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame3, text="Daily", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=10, pady=15)

#button2
button2=ttk.Button(frame3, text="Every other day", command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=10, pady=15)

#button3
button3=ttk.Button(frame3, text="Once or twice a week", command=lambda: button_clicked(3))
button3.grid(row=7, column=0, sticky="w", padx=10, pady=15)

#button4
button4=ttk.Button(frame3, text="Less than once a week", command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=10, pady=15)

#frame4
frame4=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame4, text="Select your #hairgoals (any 5)", font=('Georgia', 24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.pack()

#checkboxbuttons
frame0=Frame(frame4, bg="#e3e3ef")
frame0.pack(side="left", padx=9)
check_vars = []
checkboxes=[]
options=["Anti Frizz", "Deep Condition", "Fix split ends", "Hydrate",
"Shine", "Volumize", "Strengthen", "Colour Protection", "Soothe scalp", "Straighten"]
options1 = ["Anti Frizz", "Deep Condition", "Fix split ends", "Hydrate", "Shine",]
options2=["Volumize", "Strengthen", "Colour Protection", "Soothe scalp", "Straighten"]
for index, option in enumerate(options1):
    var = IntVar()
    check_vars.append(var)
    check = Checkbutton(
        frame0,
        text=option,
        variable=var,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering

```

```

        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option=options.index(option): check_checkbox(option) #functio to keep
track of no of check boxes selected
    )
    check.pack(fill="x", pady=4, padx=9)
    checkboxes.append(check)

frame9=Frame(frame4, bg="#e3e3ef")
frame9.pack(side="left", padx=9)

for option in options2:
    var = IntVar()
    check_vars.append(var)
    check = Checkbutton(
        frame9,
        text=option,
        variable=var,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering
        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option=options.index(option): check_checkbox(option)
    )
    check.pack(fill="x", pady=4, padx=9)
    checkboxes.append(check)

#frame5
frame5=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame5, text="Which colour best describes your hair?", font=('Georgia', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame5, text="Black", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=60, pady=15)

#button2
button2=ttk.Button(frame5, text="Blonde", command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=60, pady=15)

#button3
button3=ttk.Button(frame5, text="Brunette", command=lambda: button_clicked(3))

```



```

button3.grid(row=7, column=0, sticky="w", padx=60, pady=15)

#button4
button4=ttk.Button(frame5, text="Red", command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=60, pady=15)

#button5
button5=ttk.Button(frame5, text="Gray or Silver", command=lambda: button_clicked(5))
button5.grid(row=8, column=0, sticky="w", padx=60, pady=15)

#button6
button6=ttk.Button(frame5, text="Fashion colour(eg: pink)", command=lambda: button_clicked(6))
button6.grid(row=8, column=0, sticky="e", padx=60, pady=15)

#frame10
frame10=Frame(big_frame, width=800, height=300, bg="#e3e3ef")

label1=Label(frame10, text="Select your desired hair products:", font=('Georgia', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.pack()

frame_p=Frame(frame10, bg="#e3e3ef")
frame_p.pack(side="left", padx=9)
check_vars9 = []
checkboxes9=[]
options_p=["Shampoo", "Conditioner", "Hair Serum", "Hair Mask", "Styling Primer"]
for index9, option9 in enumerate(options_p):
    var9 = IntVar()
    check_vars9.append(var9)
    check9 = Checkbutton(
        frame_p,
        text=option9,
        variable=var9,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering
        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option9=options_p.index(option9): check_checkbox1(option9) #functio to
keep track of no of check boxes selected
    )
    check9.pack(fill="x", pady=4, padx=9)
    checkboxes9.append(check9)

#frame6
frame6=Frame(big_frame, width=800, height=300, bg="#e3e3ef")

```

```

#label1
label1=Label(frame6, text=" Choose your formula colour...", font=('Georgia', 24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.place(x=200, y=10)
radio_var = StringVar()
#button1
image1=Image.open("blue_s.png")
resize_image1=image1.resize((100, 200))
blue= ImageTk.PhotoImage(resize_image1)

radio_button1 =ttk.Radiobutton(frame6, variable=radio_var, value="blue", image=blue,
command=lambda: button_clicked(1))
radio_button1.place(x=10, y=80)

#button2
image2=Image.open("pink_s.png")
resize_image2=image2.resize((100, 200))
pink= ImageTk.PhotoImage(resize_image2)

radio_button2 = ttk.Radiobutton(frame6, variable=radio_var, value="pink", image=pink,
compound=LEFT, command=lambda: button_clicked(2))
radio_button2.place(x=180, y=80)

#button3
image3=Image.open("green_s.png")
resize_image3=image3.resize((100, 200))
green= ImageTk.PhotoImage(resize_image3)

radio_button3= ttk.Radiobutton(frame6, variable=radio_var, value="green", image=green,
compound=LEFT, command=lambda: button_clicked(3))
radio_button3.place(x=350, y=80)

#button4
image4=Image.open("orange_s.png")
resize_image4=image4.resize((100, 200))
orange= ImageTk.PhotoImage(resize_image4)

radio_button4= ttk.Radiobutton(frame6, variable=radio_var, value="orange", image=orange,
compound=LEFT, command=lambda: button_clicked(4))
radio_button4.place(x=520, y=80)

#button5
image5=Image.open("white_s.png")
resize_image5=image5.resize((100, 200))
white= ImageTk.PhotoImage(resize_image5)

radio_button5= ttk.Radiobutton(frame6, variable=radio_var, value="white", image=white,
compound=LEFT, command=lambda: button_clicked(5))
radio_button5.place(x=690, y=80)

#show results

```

```

show_result=Button(window, text="SHOW RESULTS", cursor='hand2', bg="black", bd=0, width=13
                    , activebackground='black', activeforeground='black',fg="white", font=('Georgia',
23), command=show_result_button)
show_result.place(x=805, y=540)

#-----
#frame_list
frame_list=[frame1, frame2, frame3, frame4, frame5,frame10]
#frame_list=[frame4, frame10]
current_frame=frame_list[0]
current_frame.pack()

#back
#back=Button(window, text="BACK", font=('Georgia', 25), width=15, cursor='hand2', bg="black",
fg='white', bd=0
#           , activebackground='black', activeforeground='black', command=backFrame)
#back.place(x=230, y=549)

#next
next1=Button(window, text="NEXT", font=('Georgia', 25), width=13, cursor='hand2', bg="black",
fg='white', bd=0
            , activebackground='black', activeforeground='black', command=next_button_clicked)
next1.place(x=800, y=540)
window.mainloop()

```

Body Quiz:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import messagebox
from tkinter import ttk
from mysql.connector import (connection)
from tkinter import messagebox
import product_data

window=Tk()
window.grid()
window.title("Body Quiz")
width=window.winfo_screenwidth()
height=window.winfo_screenheight()

#set screensize as fullscreen and not resizable
window.geometry("%dx%d"%(width,height))
window.resizable(True, False)

#placing background image,      if i put height as screen size (height) it doesn't come properly
bg=Image.open("bg8.png")
resize_bgImage=bg.resize((width, 700))

```

```

bgImage= ImageTk.PhotoImage(resize_bgImage)

bgLabel= Label(window, image=bgImage)
bgLabel.place(x=0, y=0)
#idk why this is req
# Make sure the image doesn't get garbage collected
bgLabel.img = bgImage

#-----
#database connection
cnx = connection.MySQLConnection(user='root', password='sisira@dl07', host='localhost',
database='ingredients')
mycursor=cnx.cursor()
#-----functions to display the images for each product -----

clicked_buttons1=set()
def button_clicked1(button_num):
    clicked_buttons1.add(button_num)

def show_result_button1():
    if len(clicked_buttons1) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    else:
        show_ingredients()
def lotion_colours():
    global radio_button1, image_refs1, radio_var_s, lotion_image
    k=1
    image_refs1 = {}
    radio_var_s = StringVar()
    lotion_image={"white":"white_bl.png", "lavender":"lavender_l.png", "pink":"pink_bl.png"}
    for colour in lotion_image:

        img = Image.open(lotion_image[colour])
        img1 = img.resize((100, 200))
        img2 = ImageTk.PhotoImage(img1)
        image_refs1[colour] = img2
        radio_button1=ttk.Radiobutton(frame_s, variable=radio_var_s, value=colour, image=img2,
command=lambda: button_clicked1(k))
        radio_button1.image = img2
        radio_button1.pack(side="left", padx=20, pady=60)
        k+=1
def scrub_colours():
    global radio_button2, radio_var_c, image_refs2, conditioner_image
    k=1
    image_refs2 = {}
    radio_var_c = StringVar()
    conditioner_image={"green":"green_bs.png", "pink":"pink_bs.png", "lavender":"lavender_bs.png",
"white":"white_bs.png"}
    for colour in conditioner_image:

        img = Image.open(conditioner_image[colour])

```

```

        img1 = img.resize((160, 160))
        img2 = ImageTk.PhotoImage(img1)
        image_refs2[colour] = img2
        radio_button2=ttk.Radiobutton(frame_c, variable=radio_var_c, value=colour, image=img2,
command=lambda: button_clicked1(k))
        radio_button2.image = img2
        radio_button2.pack(side="left", padx=20, pady=80)
        k+=1

def wash_colours():
    global radio_button3, radio_var_se, image_refs3, wash_image
    k=1
    image_refs3 = {}
    radio_var_se = StringVar()
    wash_image={"blue":"blue_bw.png", "white":"white_bw.png", "lavender":"lavender_bw.png"}
    for colour in wash_image:

        img = Image.open(wash_image[colour])
        img1 = img.resize((120, 220))
        img3 = ImageTk.PhotoImage(img1)
        radio_button3=ttk.Radiobutton(frame_se, variable=radio_var_se, value=colour, image=img3,
command=lambda: button_clicked1(k))
        radio_button3.image = img3
        radio_button3.pack(side="left", padx=20, pady=60)
        k+=1

def gel_colours():
    global radio_button4, radio_var_m, image_refs4, mask_image
    k=1
    image_refs4 = {}

    radio_var_m = StringVar()
    mask_image={"red":"red_sg.png", "lavender":"lavender_sg.png", "yellow":"yellow_sg.png",
"brown":"brown_sg.png"}
    for colour in mask_image:

        img = Image.open(mask_image[colour])
        img1 = img.resize((120, 200))
        img4 = ImageTk.PhotoImage(img1)
        image_refs4[colour] = img4
        radio_button4=ttk.Radiobutton(frame_m, variable=radio_var_m, value=colour, image=img4,
command=lambda: button_clicked1(k))
        radio_button4.image = img4
        radio_button4.pack(side="left", padx=18, pady=60)
        k+=1

#-----changing the function of next button -----
def next_button_clicked1():
    global current_frame
    if current_frame==frame10 and selected_count>=1:
        next_product_frame()
        current_frame=frame6

```

```

else:
    if len(clicked_buttons1) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    elif len(clicked_buttons1) >= 1:
        next_product_frame()

index2=0
def next_product_frame():
    global product_frame_current, index2, index1, clicked_buttons1, current_frame
    index2+=1
    progress.pack_forget()
    current_frame=frame6
    current_frame.pack_forget()    #hide the current frame
    #product_frame_current=product_frame_list[0]
    product_frame_current.pack_forget()
    progress1.pack()
    clicked_buttons1.clear()
    product_frame_current=product_frame_list[(product_frame_list.index(product_frame_current)+1)%
len(product_frame_list)]#move to next frame
    progress1["value"] = (index2 + 1) * 100 / len(product_frame_list)

    if product_frame_current==product_frame_list[len(product_frame_list)-1]:
        next1.place_forget()
        show_result.place(x=860, y=550)

    product_frame_current.pack()

#-----selected products -----
def check_checkbox1(index9):
    check_vars9[index9].set(1)
    update_selected_count1()

def update_selected_count1():                                #dealing with
checkboxes---disabling after 5 selections
    global selected_count1
    selected_count1 = sum(var9.get() for var9 in check_vars9)
    if selected_count1==0:
        messagebox.showinfo("Message", "Please select atleast 1 product")
    elif selected_count1>=1:
        show_selected_product()

def show_selected_product():
    global frame_s, a, product_frame_list, product_frame_current,
selected_products, selected_count1
    selected_options9 = [options_p[j] for j, var9 in enumerate(check_vars9) if var9.get() == 1]
    #-----#selected products-----
    selected_products=[f"{option9}" for option9 in selected_options9]
    #next1.config(command=next_product_frame)

    product_frame_list=[frame10]

```

```

#for a in range(len(selected_products)):
for product in selected_products:
    if product=="Body Lotion":
        product_frame_list.append(frame_s)

    elif product=="Body Scrub":
        product_frame_list.append(frame_c)

    elif product=="Body Wash":
        product_frame_list.append(frame_se)

    elif product=="Shower Gel":
        product_frame_list.append(frame_m)

product_frame_current=product_frame_list[0]
next1.config(command=next_button_clicked1)
show_result.config(command=show_result_button1)
#-----selected goals-----
def check_checkbox(index):
    check_vars[index].set(1)
    update_selected_count()

def update_selected_count():                                     #dealing with
checkboxes---disabling after 5 selections
    global selected_count
    selected_count = sum(var.get() for var in check_vars)
    for index, checkbox in enumerate(checkboxes):
        if selected_count >=5:
            checkbox.config(state="disabled")
        else:
            checkbox.config(state="normal")

    if selected_count == 5:
        messagebox.showinfo("Message", "You have selected 5 goals!")
        nextFrame()
    elif selected_count==0:
        messagebox.showinfo("Message", "Please select atleast 1 goal")
    #elif selected_count>=1:
        #nextFrame()

#-----
def show_selected_options():                                     #displaying the selected goals in the
ingredients page
    global selected_goals
    selected_options = [options[i] for i, var in enumerate(check_vars) if var.get() == 1]
    formatted_text = "\n\n".join([f"• {option}" for option in selected_options])

    #-----#selected goals-----
    selected_goals=[f"{option}" for option in selected_options]
    g_label1.config(text=formatted_text)
#-----
def show_ingredients():

```

```

    global bgImage, final, g_label, in_frame2
    things from the window
    progress.pack_forget()
    next1.place_forget()
    #back.place_forget()
    big_frame.pack_forget()
    current_frame.pack_forget()
    show_result.place_forget()

    #-----R E S U L T    P A G E    I N G E D I E N T S-----
    bg61=Image.open("bg61.png")
    resize_bgImage61=bg61.resize((width, 700))
    bgImage= ImageTk.PhotoImage(resize_bgImage61)
    bgLabel.config(image=bgImage)

    in_frame2=Frame(window, width=100, bg='#afecee')
    in_frame2.pack(side="left", padx=10, pady=200)

    g_label=Label(window, bg="#d4fcff", height=0, width=0, justify="left", font=('Footlight MT
    Light', 20))
    g_label.pack(side="right", padx=112)

    #next button
    final=Button(window, text="NEXT",font=('Footlight MT Light', 24), bd=0, fg="white",
    bg="black", activebackground="black", activeforeground="black", command=finalpg)
    final.place(x=1085, y=575)

    show_selected_options()

    for goal in selected_goals:
        query= (
            "SELECT ing_image FROM body WHERE goal=%s")

        mycursor.execute(query, (goal,))
        #to get all the images .....it will be a tuple inside a list [(image1.png,
        image2.png,...etc)]
        image_path=mycursor.fetchall()
        #for accessing the tuple
        for i in image_path:
            #for accessing the image path one at a time and it will be placed side by side
            for k in i:
                img = Image.open(k)
                img = img.resize((165, 170))
                img = ImageTk.PhotoImage(img)
                ing_label = Label(in_frame2, image=img)
                ing_label.image = img # Keep a reference to avoid garbage collection
                ing_label.pack(side="left", padx=4)

        cnx.close()

    #-----Add to cart-----

    def blcart():

```



```

file1=open('bill.txt','a+')
mbox3=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
if mbox3:
    messagebox.showinfo('', 'Successfully added to cart!')
    if quantity_combo1.get()=='12oz':
        file1.write('Body Lotion (12 oz) - $35.00')
        file1.write('\n')
        q=12
        p=35
        product_data.insert_product('Body Lotion', q , p)
    elif quantity_combo1.get()=='8oz':
        file1.write('Body Lotion (8 oz) - $27.00')
        file1.write('\n')
        q=8
        p=27
        product_data.insert_product('Body Lotion', q , p)

```

```

def bscart():
    file1=open('bill.txt','a+')
    mbox4=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox4:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo2.get()=='3oz':
            file1.write('Body Scrub (3 oz) - $24.00')
            file1.write('\n')
            q=3
            p=24
            product_data.insert_product('Body Scrub', q , p)
        elif quantity_combo2.get()=='5oz':
            file1.write('Body Scrub (5 oz) - $29.00')
            file1.write('\n')
            q=5
            p=29
            product_data.insert_product('Body Scrub', q , p)

```

```

def bwcart():
    file1=open('bill.txt','a+')
    mbox=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo3.get()=='16oz':
            file1.write('Body Wash (16oz) - $27.00')
            file1.write('\n')
            q=16
            p=27
            product_data.insert_product('Body Wash', q , p)
        elif quantity_combo3.get()=='8oz':
            file1.write('Body Wash (8 oz) - $21.00')
            file1.write('\n')
            q=8
            p=21

```

```

        product_data.insert_product('Body Wash', q , p)

def sgcart():
    file1=open('bill.txt','a+')
    mbox2=messagebox.askyesno('Confirmation','Add to cart? (Once added cannot be removed)')
    if mbox2:
        messagebox.showinfo('', 'Successfully added to cart!')
        if quantity_combo4.get()=='7oz':
            file1.write('Shower gel (7 oz) - $24.00')
            file1.write('\n')
            q=7
            p=24
            product_data.insert_product('Shower Gel', q , p)
        elif quantity_combo4.get()=='5oz':
            file1.write('Shower gel (5 oz) - $20.00')
            file1.write('\n')
            q=5
            p=20
            product_data.insert_product('Shower Gel', q , p)

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        window.destroy()
        import mycart

#-----
#click_bind
def click_bind1(e):
    if quantity_combo1.get()=='12oz':
        price_label1.config(text='$35.00')
    elif quantity_combo1.get()=='8oz':
        price_label1.config(text='$27.00')

def click_bind2(e):
    if quantity_combo2.get()=='5oz':
        price_label2.config(text='$29.00')
    elif quantity_combo2.get()=='3oz':
        price_label2.config(text='$24.00')

def click_bind3(e):
    if quantity_combo3.get()=='16oz':
        price_label3.config(text='$27.00')
    elif quantity_combo3.get()=='8oz':
        price_label3.config(text='$21.00')

def click_bind4(e):
    if quantity_combo4.get()=='5oz':
        price_label4.config(text='$20.00')
    elif quantity_combo4.get()=='7oz':

```

```

        price_label4.config(text='$24.00')

#-----
def next_product():
    global final_frame_current, index1, final_frame_list
    final_frame_current.pack_forget()
    final_frame_current=final_frame_list[(final_frame_list.index(final_frame_current)+1)%
len(final_frame_list)]#move to next frame

    if final_frame_current==final_frame_list[len(final_frame_list)-1]:
        next3.place_forget()
        final_frame_current.pack()

#-----
def finalpg():
    global bgImage, bgLabel, final_big, final_s, label_s2, quantity_combo1, quantity_combo2,
price_label1,price_label2,style, final_c, label_c2, selected_products, final_frame_list,
final_frame_current, next3
    in_frame2.pack_forget()
    g_label.pack_forget()
    final.place_forget()

    bg7=Image.open("bg100.png")
    resize_bgImage7=bg7.resize((width, 700))
    bgImage= ImageTk.PhotoImage(resize_bgImage7)
    bgLabel.config(image=bgImage)

#-----F I N A L       P A G E -----
    final_big=Frame(window, width=1000, height=500, bg="#eae9f1")
    next3=Button(window, text="NEXT",font=('Footlight MT Light', 25), bd=0, width=17, fg="white",
bg="black", activebackground="black", activeforeground="black", command=next_product)
    next3.place(x=864, y=613)

    #final_s
    final_s=Frame(final_big, width=1000, height=500, bg="#eae9f1")
    #final_s.pack()

    bg20=Image.open("bg_b1.png")
    resize_bgImage20=bg20.resize((1000, 500))
    s_bgImage= ImageTk.PhotoImage(resize_bgImage20)
    #label_s1
    label_s1=Label(final_s, image=s_bgImage, bg="#eae9f1")
    label_s1.image=s_bgImage
    label_s1.place(x=0, y=0)
    label_s2=Label(final_s,width=200, height=300, bg="#eae9f1")
    label_s2.place(x=60, y=195)

    #add to basket button
    add_to_basket=Button(final_s, text="ADD TO BASKET",
                        font=('Footlight MT Light', 25), bd=0,
                        width=14, fg="white", bg="black",
                        activebackground="black",

```

```

        activeforeground="black", command=blcart)
add_to_basket.place(x=578, y=427)

#price label
price_label1=Label(final_s, text='$27.00', font=('Microsoft Yahei UI Light', 21,'bold'),
bg='#caebda', fg='black')
price_label1.place(x=905, y=53)

#option menu
quantity=["8oz", "12oz"]

quantity_combo1=tk.StringVar()
quantity_combo1.set(quantity[0])

qty=OptionMenu(final_s, quantity_combo1, *quantity,command=click_bind1)
qty.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
        bd=0, width=45, cursor='hand2')
qty['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1', bd=0)
qty['highlightthickness']=0
qty.pack()
qty.place(x=580, y=62)

style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Footlight MT Light', 25), bd=0, width=15)
frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
for i in range(len(frag)):
    frag_button=ttk.Button(final_s, text=frag[i])
    frag_button.place(x=576, y=180 + i*62, width=260, height=40)
shampoo_final()
#-----final_c-----
#final_c
final_c=Frame(final_big, width=1000, height=500, bg="#eae9f1")
#final_c.pack()

bg19=Image.open("bg_bs.png")
resize_bgImage19=bg19.resize((1000, 500))
c_bgImage= ImageTk.PhotoImage(resize_bgImage19)
#label_c1
label_c1=Label(final_c, image=c_bgImage, bg="#eae9f1")
label_c1.image=c_bgImage
label_c1.place(x=0, y=0)
label_c2=Label(final_c,width=200, height=300, bg="#eae9f1")
label_c2.place(x=60, y=195)

#add to basket button
add_to_basket=Button(final_c, text="ADD TO BASKET",
        font=('Footlight MT Light', 25),
        bd=0, width=13, fg="white", bg="black",
        activebackground="black",
        activeforeground="black", command=bscart)

```

```

add_to_basket.place(x=610, y=423)

#price label
price_label2=Label(final_c, text='$29.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
price_label2.place(x=910, y=52)

#option menu
quantity2=["5oz", "3oz"]

quantity_combo2=tk.StringVar()
quantity_combo2.set(quantity2[0])

qty2=OptionMenu(final_c, quantity_combo2, *quantity2,command=click_bind2)
qty2.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
            bd=0, width=45, cursor='hand2')
qty2['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
                    bd=0)
qty2['highlightthickness']=0
qty2.pack()
qty2.place(x=580, y=62)

style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Footlight MT Light', 25), bd=0, width=15)
frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
for i in range(len(frag)):
    frag_button=tk.Button(final_c, text=frag[i])
    frag_button.place(x=604, y=170 + i*64, width=260, height=40)
conditioner_final()

#-----final_se-----
global final_se, se_bgImage, label_se2, price_label3, quantity_combo3
#final_se
final_se=Frame(final_big, width=1000, height=500, bg="#eae9f1")
#final_se.pack()

bg18=Image.open("bg_bw.png")
resize_bgImage18=bg18.resize((1000, 500))
se_bgImage= ImageTk.PhotoImage(resize_bgImage18)
#label_se1
label_se1=Label(final_se, image=se_bgImage, bg="#eae9f1")
label_se1.image=c_bgImage
label_se1.place(x=0, y=0)
label_se2=Label(final_se,width=200, height=300, bg="#eae9f1")
label_se2.place(x=60, y=195)

#add to basket button
add_to_basket=Button(final_se, text="ADD TO BASKET",
                     font=('Footlight MT Light', 25),
                     bd=0, width=13, fg="white", bg="black",
                     activebackground="black", activeforeground="black"

```

```

        , command=bwcart)
add_to_basket.place(x=602, y=426)

#price label
price_label3=Label(final_se, text='$27.00', font=('Microsoft Yahei UI Light', 20,'bold'),
bg='#caebda', fg='black')
price_label3.place(x=906, y=56)

style = ttk.Style()
style.configure("TCombobox", padding=5, relief="flat", background="#caebda",
foreground="black")
style.map("TCombobox", fieldbackground=[("readonly", "#caebda")])

#option menu
quantity3=["16oz", "8oz"]

quantity_combo3=tk.StringVar()
quantity_combo3.set(quantity3[0])

qty3=OptionMenu(final_se, quantity_combo3, *quantity3,command=click_bind3)
qty3.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
            bd=0, width=45, cursor='hand2')
qty3['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
qty3['highlightthickness']=0
qty3.pack()
qty3.place(x=580, y=62)

style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Footlight MT Light', 25), bd=0, width=15)
frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
for i in range(len(frag)):
    frag_button=ttk.Button(final_se, text=frag[i])
    frag_button.place(x=602, y=176 + i*65, width=260, height=40)
serum_final()

#-----final_m-----
global final_m, m_bgImage, label_m2, price_label4, quantity_combo4
#final_m
final_m=Frame(final_big, width=1000, height=500, bg="#eae9f1")
#final_se.pack()

bg17=Image.open("bg_sg.png")
resize_bgImage17=bg17.resize((1000, 500))
m_bgImage= ImageTk.PhotoImage(resize_bgImage17)
#label_m1
label_m1=Label(final_m, image=m_bgImage, bg="#eae9f1")
label_m1.image=m_bgImage
label_m1.place(x=0, y=0)
label_m2=Label(final_m,width=200, height=300, bg="#eae9f1" )
label_m2.place(x=60, y=195)

```

```

#add to basket button
add_to_basket=Button(final_m, text="ADD TO BASKET",font=('Footlight MT Light', 25), bd=0,
width=13, fg="white",
                        bg="black", activebackground="black", activeforeground="black",
command=sgcart)
add_to_basket.place(x=604, y=420)

#price label
price_label4=Label(final_m, text='$20.00',
                    font=('Microsoft Yahei UI Light', 20,'bold'),
                    bg='#caebda', fg='black')
price_label4.place(x=910, y=47)

#option menu
quantity4=["5oz", "7oz"]

quantity_combo4=tk.StringVar()
quantity_combo4.set(quantity4[0])

qty4=OptionMenu(final_m, quantity_combo4, *quantity4,command=click_bind4)
qty4.config(bg='#caebda',fg='black', activeforeground='black', activebackground='#caebda',
            bd=0, width=45, cursor='hand2')
qty4['menu'].config(bg='#caebda', activeforeground='black', activebackground='SkyBlue1',
bd=0)
qty4['highlightthickness']=0
qty4.pack()
qty4.place(x=580, y=62)

style.configure("TButton", padding=2, relief="flat", background="#f1c0ff",
foreground="black", font=('Footlight MT Light', 24), bd=0, width=15)
frag=["Aquatic", "Floral", "Fruity", "Fragrance free"]
for i in range(len(frag)):
    frag_button=tk.Button(final_m, text=frag[i])
    frag_button.place(x=596, y=169 + i*63, width=260, height=40)
mask_final()

#-----final_px-----

if len(selected_products)==1:
    next3.place_forget()
final_frame_list=[]
for k in selected_products:
    if k=="Body Lotion":
        final_frame_list.append(final_s)

    elif k=="Body Scrub":
        final_frame_list.append(final_c)

    elif k=="Body Wash":
        final_frame_list.append(final_se)

```

```

        elif k=="Shower Gel":
            final_frame_list.append(final_m)

final_big.pack(pady=100)
final_frame_current=final_frame_list[0]
final_frame_current.pack()

def shampoo_final():
    global label_s2, img_s1, final_s, label, s_bgImage
    shampoo_value= radio_var_s.get() #to get colour from the image selected
    to display on the final page
    for choice in lotion_image:
        if choice==shampoo_value:
            img = Image.open(lotion_image[choice])
            img1 = img.resize((160, 310))
            img_s1 = ImageTk.PhotoImage(img1)
            label_s2.config(image=img_s1)
            label_s2.image=img_s1

def conditioner_final():
    global label_c2, img_c1
    conditioner_value= radio_var_c.get() #to get colour from the image
    selected to display on the final page
    for choice in conditioner_image:
        if choice==conditioner_value:
            img = Image.open(conditioner_image[choice])
            img1 = img.resize((200, 200))
            img_c1 = ImageTk.PhotoImage(img1)
            label_c2.config(image=img_c1)
            label_c2.image=img_c1

def serum_final():
    global label_se2, img_se1
    wash_value= radio_var_se.get() #to get colour from the image selected to
    display on the final page
    for choice in wash_image:
        if choice==wash_value:
            img = Image.open(wash_image[choice])
            img1 = img.resize((160, 310))
            img_se1 = ImageTk.PhotoImage(img1)
            label_se2.config(image=img_se1)
            label_se2.image=img_se1

def mask_final():
    global label_m4, img_m4
    mask_value= radio_var_m.get() #to get colour from the image selected to
    display on the final page
    for choice in mask_image:
        if choice==mask_value:

```



```

        img = Image.open(mask_image[choice])
        img1 = img.resize((160, 260))
        img_m1 = ImageTk.PhotoImage(img1)
        label_m2.config(image=img_m1)
        label_m2.image=img_m1

#-----

def menubar():
    #ingredients
    def ing():
        root.destroy()
        import ingredients

    #menubar
    frame2=Frame(window)
    frame2.place(x=0,y=45)
    menu= Label(frame2,bg='dark slate blue', width=window.winfo_screenwidth(),height=3)
    menu.grid(row=0,column=0)

    #Hair
    MenuBttn = Menubutton(window, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')

    Var1 = IntVar()
    Var2 = IntVar()
    Var3 = IntVar()

    Menu1 = Menu(MenuBttn, tearoff = 0)

    Menu1.add_radiobutton(label = "Shampoo", variable = Var1, value = 1)
    Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 2)
    Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 3)
    Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 4)
    Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 5)

    MenuBttn["menu"] = Menu1
    #to change colour/font etc for drop down menu
    Menu1.config(bg='lavender')

    MenuBttn.place(x=240,y=56)

    #Body
    MenuBttn2 = Menubutton(window, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

    Var1 = IntVar()

```

```

Var2 = IntVar()
Var3 = IntVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var1, value = 1)
Menu2.add_radiobutton(label = "Shower gel", variable = Var1, value = 2)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var1, value = 3)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var1, value = 4)
Menu2.add_radiobutton(label = "Soaps", variable = Var1, value = 5)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

MenuBttn3= Button(window, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Menubutton(window, text = " INGREDIENTS ", font=('Times New roman',12),relief =
RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=710,y=56)

MenuBttn5= Menubutton(window, text = " CAREERS ", font=('Times New roman',12),relief =
RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(window, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',

```

```

        activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
    MenuBttn6.place(x=1170,y=56)
menubar()
#-----
#big frame
big_frame=Frame(window, width=1000, height=560, bg="#e3e3ef")
big_frame.pack(pady=150)

#progress bar2
s1 = ttk.Style()
s1.theme_use('clam')
s1.configure("blue.Horizontal.TProgressbar", troughcolor ='#be96d6', background='#671399', bd=0)

progress1 = ttk.Progressbar(big_frame, orient="horizontal", style="blue.Horizontal.TProgressbar",
length=600, mode="determinate")
#progress1.pack()

#frame_s
frame_s=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#frame_c.pack_forget()
#product_frame_current.pack_forget()
#label1
label_s1=Label(frame_s, text=("Choose colour for your Body Lotion"), font=('Footlight MT Light',
24), bg="#e3e3ef")
label_s1.config(anchor=CENTER)
label_s1.place(x=12, y=13)
lotion_colours()

#frame_c
frame_c=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label_c1=Label(frame_c, text=("Choose colour for your Body Scrub"), font=('Footlight MT Light',
24), bg="#e3e3ef")
label_c1.config(anchor=CENTER)
label_c1.place(x=15, y=13)
scrub_colours()

#frame_se
frame_se=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
label_se1=Label(frame_se, text=("Select your Body Wash "), font=('Footlight MT Light', 24),
bg="#e3e3ef")
label_se1.config(anchor=CENTER)
label_se1.place(x=15, y=13)
wash_colours()

#frame_m
frame_m=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label_m1=Label(frame_m, text=("Choose your desired Shower gel"), font=('Footlight MT Light', 24),
bg="#e3e3ef")
label_m1.config(anchor=CENTER)

```

```

label_m1.place(x=15, y=13)
gel_colours()

#frame_p
#frame_px=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
#label_p1=Label(frame_px, text=("Select your Styling Primer: "), font=('Footlight MT Light', 24),
bg="#e3e3ef")
#label_p1.config(anchor=CENTER)
#label_p1.place(x=0, y=13)
#primer_colours()

product_frame_list=[]
#product_frame_current=product_frame_list[0]

clicked_buttons = set()
def button_clicked(button_num):
    clicked_buttons.add(button_num)
def show_result_button():
    if len(clicked_buttons) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    else:
        show_ingredients()

def next_button_clicked():
    if current_frame==frame4:
        update_selected_count()
        if selected_count>=1:
            nextFrame()
    elif current_frame==frame10:
        update_selected_count1()
    elif len(clicked_buttons) == 0:
        messagebox.showinfo("Message", "Please select atleast one option")
    else:
        nextFrame()

index1=0
def nextFrame():
    #functionality for next button in the quiz frames
    global current_frame, index1, bgImage
    index1+=1
    current_frame.pack_forget() #hide the current frame
    current_frame=frame_list[(frame_list.index(current_frame)+1)% len(frame_list)]#move to next
frame
    progress["value"] = (index1 + 1) * 100 / len(frame_list)
    clicked_buttons.clear()
    if current_frame==frame1:
        bg=Image.open("bg8.png")
        resize_bgImage=bg.resize((width, 700))
        bgImage= ImageTk.PhotoImage(resize_bgImage)
        bgLabel.config(image=bgImage)
        #back.place_forget()
    elif current_frame==frame6:

```

```

        next1.place_forget()
        show_result.place(x=860, y=550)
    else:
        bg=Image.open("bg8.png")
        resize_bgImage=bg.resize((width, 700))
        bgImage= ImageTk.PhotoImage(resize_bgImage)
        bgLabel.config(image=bgImage)
        #back.place(x=230, y=549)
    current_frame.pack()

#-----
#progress bar
s = ttk.Style()
s.theme_use('clam')
s.configure("blue.Horizontal.TProgressbar", troughcolor = '#be96d6', background='#671399', bd=0)

progress = ttk.Progressbar(big_frame, orient="horizontal", style="blue.Horizontal.TProgressbar",
length=600, mode="determinate")
progress.pack()

#-----
#styling
style = ttk.Style()
style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 18), bd=0, width=15)

#frame1
frame1=Frame(big_frame, width=1000, height=50, bg="#e3e3ef")
#label1
label1=Label(frame1, text="What is your body skin type", font=('Footlight MT Light', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=0, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame1, text="Normal", cursor='hand2',command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=20, pady=15)

#button2
button2=ttk.Button(frame1, text="Dry", cursor='hand2',command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=20, pady=15)

#button3
button3=ttk.Button(frame1, text="Oily",command=lambda: button_clicked(2))
button3.grid(row=7, column=0, sticky="w", padx=20, pady=15)

#button4
button4=ttk.Button(frame1, text="Sensitive",command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=20, pady=15)

#-----
#styling

```

```

style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 18), bd=0, width=15)

#frame2
frame2=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame2, text=" What is the level of perspiration/ sweating?", font=('Footlight MT
Light', 24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame2, text="Negligible", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=60, pady=15)

#button2
button2=ttk.Button(frame2, text="Low", command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=60, pady=15)

#button3
button3=ttk.Button(frame2, text="Medium", command=lambda: button_clicked(3))
button3.grid(row=7, column=0, sticky="w", padx=60, pady=15)

#button4
button4=ttk.Button(frame2, text="High", command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=60, pady=15)

#frame3
frame3=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")
#styling
style.configure("TButton", padding=10, relief="flat", background="#d7d4f4", foreground="black",
font=('Kristen ITC', 15), bd=0, width=19)

#label1
label1=Label(frame3, text="How strong is your body odour?", font=('Footlight MT Light', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame3, text="Negligible", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=10, pady=15)

#button2
button2=ttk.Button(frame3, text="Low", command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=10, pady=15)

#button3
button3=ttk.Button(frame3, text="Medium", command=lambda: button_clicked(3))
button3.grid(row=7, column=0, sticky="w", padx=10, pady=15)

```

```

#button4
button4=ttk.Button(frame3, text="Quite Strong", command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=10, pady=15)

#frame4
frame4=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame4, text="Select your body skin goals? (any 5)", font=('Footlight MT Light',
24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.pack()

#checkboxbuttons
frame0=Frame(frame4, bg="#e3e3ef")
frame0.pack(side="left", padx=9)
check_vars = []
checkboxboxes=[]
options=["Moisturize", "Hydrate", "Improve Elasticity", "Nourish",
"Cleanse", "Soothe", "Exfoliate", "Smoothen"]
options1 = ["Moisturize", "Hydrate", "Improve Elasticity", "Nourish"]
options2=["Cleanse", "Soothe", "Exfoliate", "Smoothen"]
for index, option in enumerate(options1):
    var = IntVar()
    check_vars.append(var)
    check = Checkbutton(
        frame0,
        text=option,
        variable=var,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering
        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option=options.index(option): check_checkbox(option) #functio to keep
track of no of check boxes selected
    )
    check.pack(fill="x", pady=4, padx=9)
    checkboxboxes.append(check)

frame9=Frame(frame4, bg="#e3e3ef")
frame9.pack(side="left", padx=9)

for option in options2:
    var = IntVar()
    check_vars.append(var)
    check = Checkbutton(
        frame9,
        text=option,

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```

        variable=var,
        width=14,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering
        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option=options.index(option): check_checkbox(option)
    )
    check.pack(fill="x", pady=4, padx=9)
    checkboxes.append(check)

#frame5
frame5=Frame(big_frame, width=1000, height=600, bg="#e3e3ef")

#label1
label1=Label(frame5, text="Which age group do you belong to?", font=('Footlight MT Light', 24),
bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.grid(row=4, column=0, padx=100, pady=15)

#button1
button1=ttk.Button(frame5, text="below 20", command=lambda: button_clicked(1))
button1.grid(row=6, column=0, sticky="w", padx=5, pady=15)

#button2
button2=ttk.Button(frame5, text="20-30", command=lambda: button_clicked(2))
button2.grid(row=6, column=0, sticky="e", padx=5, pady=15)

#button3
button3=ttk.Button(frame5, text="30-40", command=lambda: button_clicked(3))
button3.grid(row=7, column=0, sticky="w", padx=5, pady=15)

#button4
button4=ttk.Button(frame5, text="above 50", command=lambda: button_clicked(4))
button4.grid(row=7, column=0, sticky="e", padx=5, pady=15)

#button5
button5=ttk.Button(frame5, text="Gray or Silver", command=lambda: button_clicked(5))
button5.grid(row=8, column=0, sticky="w", padx=60, pady=15)

#button6
button6=ttk.Button(frame5, text="Fashion colour(eg: pink)", command=lambda: button_clicked(6))
button6.grid(row=8, column=0, sticky="e", padx=60, pady=15)

#frame10
frame10=Frame(big_frame, width=800, height=300, bg="#e3e3ef")

```



```

label1=Label(frame10, text="Select your desired body care products:", font=('Footlight MT Light',
24), bg="#e3e3ef")
label1.config(anchor=CENTER)
label1.pack()

```

```

frame_p=Frame(frame10, bg="#e3e3ef")
frame_p.pack(side="left", padx=9)
check_vars9 = []
checkboxes9=[]
options_p=["Body Lotion", "Body Scrub", "Body Wash", "Shower Gel"]
for index9, option9 in enumerate(options_p):
    var9 = IntVar()
    check_vars9.append(var9)
    check9 = Checkbutton(
        frame_p,
        text=option9,
        variable=var9,
        font=("Kristen ITC", 15),
        fg="darkblue", # Text color
        selectcolor="lightgreen", # Background color when selected
        activebackground="lightblue", # Background color when hovering
        padx=10, # Horizontal padding
        pady=5, # Vertical padding
        relief="flat", # No button border
        anchor="w", # Text alignment (west)
        command=lambda option9=options_p.index(option9): check_checkbox1(option9) #functio to
keep track of no of check boxes selected
    )
    check9.pack(fill="x", pady=4, padx=9)
    checkboxes9.append(check9)

```

```

#frame6
frame6=Frame(big_frame, width=800, height=300, bg="#e3e3ef")

```

```

#show results
show_result=Button(window, text="SHOW RESULTS", cursor='hand2', bg="black", bd=0, width=15
, activebackground='black', activeforeground='black',fg="white", font=('Footlight
MT Light', 25), command=show_result_button)
show_result.place(x=860, y=550)

```

```

#-----
#frame_list
frame_list=[frame1, frame2, frame3, frame4, frame5,frame10]
#frame_list=[frame4, frame10]
current_frame=frame_list[0]
current_frame.pack()

```

```

#back
#back=Button(window, text="BACK", font=('Footlight MT Light', 25), width=15, cursor='hand2',
bg="black", fg='white', bd=0
#
, activebackground='black', activeforeground='black', command=backFrame)

```

```
#back.place(x=230, y=549)

#next
next1=Button(window, text="NEXT", font=('Footlight MT Light', 25), width=15, cursor='hand2',
bg="black", fg='white', bd=0
               , activebackground='black', activeforeground='black', command=next_button_clicked)
next1.place(x=860, y=550)
window.mainloop()
```

‘About’ Page:

```
import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkinter import messagebox
```

```
root=Tk()
root.title("    Laranna")
```

```
root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')
```

```
#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()
```

```
#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)
```

```
#functions
def menupg():
    root.destroy()
    import menupage
```

```
def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
```

```

elif value=='option5':
    root.destroy()
    import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#mycart button( menu bar)
def finalbill():
    messagebox.showinfo('Welcome','Your cart is empty!, Start shopping by using the menubar or homepage!')

#careers
def careers():
    root.destroy()
    import careerspage

#frame
frame1=Frame(root)
frame1.place(x=0, y=0)

#1st statement
heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=root.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(root)
frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,50))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(root,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

```

```

menu= Label(frame2,bg='dark slate blue', width=root.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

#Hair

MenuBttn = Menubutton(root, text = "          HAIR          ", font=('Times New roman',12),relief
= RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBttn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBttn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBttn.place(x=240,y=56)

#Body
MenuBttn2 = Menubutton(root, text = "          BODY          ", font=('Times New roman',12),relief
= RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu

```

```
Menu2.config(bg='lavender')
```

```
MenuBttn2.place(x=370,y=56)
```

```
#Skin
```

```
MenuBttn3= Button(root, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2')
```

```
#to change colour/font etc for drop down menu
```

```
MenuBttn3.place(x=550,y=56)
```

```
#Ingreadiants
```

```
MenuBttn4= Button(root, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)
```

```
MenuBttn4.place(x=710,y=56)
```

```
#Reviews
```

```
MenuBttn5=Button(root, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,  
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',  
                  activeforeground='lavender',bd=0,cursor='hand2', command=careers)
```

```
MenuBttn5.place(x=900,y=56)
```

```
#MYCART
```

```
MenuBttn6=Button(root, text = " MY CART ", font=('Times New roman',12),relief = RAISED,  
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',  
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)
```

```
MenuBttn6.place(x=1155,y=56)
```

```
#linking pages to the menubuttons
```

```
frame4= Frame(root)
```

```
frame4.place(x=0,y=90)
```

```
hpbg2 = Image.open('hpbg2.jpg')
```

```
hpbg3 = Image.open('hpbg3.png')
```

```
rhpbg3=hpbg3.resize((800,511))
```

```
bgimg=hpbg2.copy()
```

```
bgimg.paste(rhpbg3, (5,10), rhpbg3)
```

```
# Convert the Image object into a TkPhoto object
```

```
hp2 = ImageTk.PhotoImage(bgimg)
```

```

panel2 = Label(frame4, image=hp2)
panel2.grid(row=0, column=2, sticky=E)

root.mainloop()

```

Ingredients:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

root=Tk()
root.title("    Ingredients")

width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

bg=Image.open("bg(ing).png")
resize_bgImage=bg.resize((width, 700))
bgImage= ImageTk.PhotoImage(resize_bgImage)
bgLabel= Label(root, image=bgImage)
bgLabel.image=bgImage
bgLabel.place(x=0, y=0)

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()

```

```

        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#mycart button( menu bar)
def finalbill():
    messagebox.showinfo('Welcome','Your cart is empty!, Start shopping by using the menubar or homepage!')
#careers
def careers():
    root.destroy()
    import careerspage

#ingredients
def ing():
    root.destroy()
    import ingredients

#frame
framex=Frame(root)
framex.place(x=0, y=0)

#1st statement
heading = Label(framex, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=root.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
framey=Frame(root)
framey.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,53))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(root,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(framey,bg='dark slate blue', width=root.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

```

```

#Hair
MenuBtn = Menubutton(root, text = "          HAIR          ", font=('Times New roman',12),relief
= RAISED,
                    bg='dark slate blue',fg='white',activeforeground='lavender',
                    activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBtn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBtn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBtn.place(x=240,y=56)

#Body
MenuBtn2 = Menubutton(root, text = "          BODY          ", font=('Times New roman',12),relief
= RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBtn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)

MenuBtn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')
MenuBtn2.place(x=370,y=56)

#About
MenuBtn3= Button(root, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                bg='dark slate blue',fg='white',activebackground='darkslateblue',

```



```

        activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Button(root, text = " INGREDIENTS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=ing)

MenuBttn4.place(x=700,y=56)

#Reviews
MenuBttn5=Button(root, text = " CAREERS  ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2', command=careers)

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(root, text = " MY CART  ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)
#linking pages to the menubuttons

frame1=Frame(root, bg="#FFF6FC", width=width, height=140)
frame1.place(x=50, y=290)

frame2=Frame(root, bg="#FFF6FC", width=width, height=140)
frame2.place(x=50, y=410)

frame3=Frame(root, bg="#FFF6FC", width=width, height=140)
frame3.place(x=50, y=530)

#bg="#FFF6FC"
#FFF6FC
image_refs1 = {} #essential to display all the images otherwise only the last
image will be displayed
#In this code, I've made sure to store the references to the ImageTk.PhotoImage objects in the
image_refs dictionary to prevent them from being destroyed by the garbage collector.
images={"Anti Frizz":"acacia extract.png", "Deep Condition":"betaine.png", "Fix split ends":"beet
root extract.png",
        "Hydrate":"blue green algae.png", "Shine":"Quinoa protein.png","Volumize":"sweet almond
extract.png"}
for goal in images:

```

```

img = Image.open(images[goal])
img1 = img.resize((100, 100))
img2 = ImageTk.PhotoImage(img1)
image_refs[goal] = img2
bgLabel2= Label(frame1, image=img2)
bgLabel2.pack(side="left", padx=40, pady=0)

image_refs = {}
images1={"Strengthen":"Horsetail extract.png", "Colour protection":"soyabean extract.png",
"Soothe scalp":"salicylic acid.png", "Straighten":"tamarind extract.png", "Moisturize":"argan
oil.png", "Hydrate":"beet root extract.png",}
for goal1 in images1:
    img = Image.open(images1[goal1])
    img1 = img.resize((100, 100))
    img2 = ImageTk.PhotoImage(img1)
    image_refs[goal1] = img2
    bgLabel1= Label(frame2, image=img2)
    bgLabel1.pack(side="left", padx=40, pady=0)
image_refs2 = {}
images2={ "Improve Elasticity":"cupuacu butter.png", "Exfoliate":"salicylic acid.png",
"Smoothen":"apple extract.png", "Nourish":"grapeseed oil.png", "Cleanse":"castor seed oil.png",
"Soothe":"neem leaf extract.png"}
for goal2 in images2:
    img = Image.open(images2[goal2])
    img1 = img.resize((100, 100))
    img2 = ImageTk.PhotoImage(img1)
    image_refs2[goal2] = img2
    bgLabel3= Label(frame3, image=img2)
    bgLabel3.pack(side="left", padx=40, pady=0)

root.mainloop()

```

Careers Page - 1

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
#from ttkbootstrap.scrolled import ScrolledFrame
from tkinter import messagebox

my_frame=Tk()
my_frame.title("Careers")

my_frame.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=my_frame.winfo_screenwidth()
height=my_frame.winfo_screenheight()

```

```

#set screensize as fullscreen and not resizable
my_frame.geometry("%dx%d"%(width,height))
my_frame.resizable(True, False)

'''#scrollbar
my_frame=ScrolledFrame(my_frame, autohide=False)
my_frame.pack(fill=BOTH , expand=YES)
#required to make the scrollbar work
my_frame1=Frame(my_frame, bg="lavender")
my_frame1.pack(fill=BOTH , expand=True)

#increase the range value to increase the length
for i in range(32):
    my_label=Label(my_frame1, text='', bg='pink')
    my_label.pack()'''

def careersroles():
    my_frame.destroy()
    import careersroles

def hairb():
    value=Var1.get()
    if value=='option1':
        my_frame.destroy()
        import cshampoo
    elif value=='option2':
        my_frame.destroy()
        import csconditioner
    elif value=='option3':
        my_frame.destroy()
        import cshairserum
    elif value=='option4':
        my_frame.destroy()
        import cshairmask
    elif value=='option5':
        my_frame.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        my_frame.destroy()
        import csbw
    elif value=='optionb':
        my_frame.destroy()
        import cshowergel
    elif value=='optionc':
        my_frame.destroy()
        import csbl
    elif value=='optiond':
        my_frame.destroy()
        import csbodyscrub

```

```

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:
        my_frame.destroy()
        import mycart
#frame
frame1=Frame(my_frame, )
frame1.place(x=0, y=0)

#1st statement
heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)
frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,50))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

#Hair
MenuBttn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBttn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value = 'option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBttn["menu"] = Menu1

```

```

#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBttn.place(x=240,y=56)

#Body
MenuBttn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBttn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value = 'optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value = 'optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value = 'optionc', command=bodyb)
Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value = 'optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

#About
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Menubutton(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief =
RAISED,
                    bg='dark slate blue',fg='white',activebackground='darkslateblue',
                    activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn4.place(x=710,y=56)

#Reviews

```

```

MenuBttn5= Menubutton(my_frame, text = "  CAREERS  ", font=('Times New roman',12),relief =
RAISED,

                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6=Button(my_frame, text = "  MY CART  ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

#linking pages to the menubuttons

frame3= Frame(my_frame)
frame3.place(x=0,y=95)
imagebg = Image.open('careerbg.png')
imagetxt = Image.open('careerhead.png')
imagetxt2=Image.open('careertxt.png')
imagetxttr=imagetxt.resize((498,110))
imagetxt2r=imagetxt2.resize((520,243))
image1=Image.open('careerpic1.png')
image1r=image1.resize((570,380))

imagebg.paste(imagetxttr, (50,50), imagetxttr)
imagebg.paste(image1r,(610,80))
imagebg.paste(imagetxt2r, (40,140),imagetxt2r)
# Convert the Image object into a TkPhoto object
tkimage = ImageTk.PhotoImage(imagebg)

panel1 = Label(frame3, image=tkimage)
panel1.grid(row=0, column=2, sticky=E)

#button
roles=Button(frame3,text='                        VIEW OPEN ROLES                        ', font=('Georgia',
17),bg='black',fg='thistle',bd=0,activeforeground='thistle'
            ,activebackground='black',cursor='hand2',command=careersroles)
roles.place(x=90,y=400)

my_frame.mainloop()

```

Careers Page - 2:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk

```

```

from tkcalendar import DateEntry
from tkinter import messagebox

root=Tk()
root.title("Careers")

#root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer
Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

# Create a Canvas widget within a Frameher

def config_int(event):
    size=(my_frame.winfo_reqwidth(), my_frame.winfo_reqheight())
    canvas.config(scrollregion=(0,0,size[0],size[1]))
    if my_frame.winfo_reqwidth() != canvas.winfo_width():
        canvas.config(width=my_frame.winfo_reqwidth())

def config_can(event):
    if my_frame.winfo_reqwidth()!=canvas.winfo_width():
        canvas.itemconfigure(int_id,width=canvas.winfo_width())

scrollbar = ttk.Scrollbar(root, orient="vertical")
scrollbar.pack(side=tk.RIGHT, fill="y", expand=False)
canvas=tk.Canvas(root, bg='pink', width=0, height=0, yscrollcommand=scrollbar.set)
canvas.pack(side=LEFT, fill=BOTH, expand=True)
scrollbar.config(command=canvas.yview)

my_frame=ttk.Frame(canvas)
my_frame.bind('<Configure>',config_int)
canvas.bind('<Configure>',config_can)
int_id=canvas.create_window((0,0),window=my_frame, anchor='nw')

for i in range(39):
    my_label=tk.Label(my_frame, text="")
    my_label.pack()

my_frame1=Frame(my_frame, bg="lavender")
my_frame1.pack(fill=BOTH , expand=True)

#mycart button( menu bar)
def finalbill():
    mboxm=messagebox.askyesno('Checkout','Do you want to proceed to checkout?')
    if mboxm:

```

```

import mycart

def apply():
    root.destroy()
    import careers

def hairb():
    value=Var1.get()
    if value=='option1':
        root.destroy()
        import cshampoo
    elif value=='option2':
        root.destroy()
        import csconditioner
    elif value=='option3':
        root.destroy()
        import cshairserum
    elif value=='option4':
        root.destroy()
        import cshairmask
    elif value=='option5':
        root.destroy()
        import csstylingprimer

def bodyb():
    value=Var11.get()
    if value=='optiona':
        root.destroy()
        import csbw
    elif value=='optionb':
        root.destroy()
        import cshowergel
    elif value=='optionc':
        root.destroy()
        import csbl
    elif value=='optiond':
        root.destroy()
        import csbodyscrub

#frame
frame1=Frame(my_frame)
frame1.place(x=0, y=0)

#1st statement
heading = Label(frame1, text='
WE BELIEVE ABOUT CHANGE, CREATE YOUR CUSTOM FORMULA WITH US, TODAY!'
                ,font=('Times New roman',12),anchor='w'
                , bg='lavender', fg='black', width=my_frame.winfo_screenwidth(),height=2)
heading.grid(row=0, column=0)

#menubar
frame2=Frame(my_frame)

```



```

frame2.place(x=0,y=45)

lname=Image.open('logomenu.png')
rlname=lname.resize((139,50))
nlname=ImageTk.PhotoImage(rlname)

imglabel=Label(my_frame,image=nlname,bd=0, highlightthickness=0)
imglabel.place(x=25,y=45)

menu= Label(frame2,bg='dark slate blue', width=my_frame.winfo_screenwidth(),height=3)
menu.grid(row=0,column=0)

#Hair
MenuBtn = Menubutton(my_frame, text = "          HAIR          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activeforeground='lavender',
                        activebackground='darkslateblue',bd=0,cursor='hand2')

Var1=StringVar()
Var2=StringVar()
Var3=StringVar()

Menu1 = Menu(MenuBtn, tearoff = 0)

Menu1.add_radiobutton(label = "Shampoo", variable =Var1, value ='option1', command=hairb)
Menu1.add_radiobutton(label = "Conditioner", variable = Var1, value = 'option2', command=hairb)
Menu1.add_radiobutton(label = "Hair Serum", variable = Var1, value = 'option3', command=hairb)
Menu1.add_radiobutton(label = "Hair Mask", variable = Var1, value = 'option4', command=hairb)
Menu1.add_radiobutton(label = "Styling Primer", variable = Var1, value = 'option5',
command=hairb)

MenuBtn["menu"] = Menu1
#to change colour/font etc for drop down menu
Menu1.config(bg='lavender')

MenuBtn.place(x=240,y=56)

#Body
MenuBtn2 = Menubutton(my_frame, text = "          BODY          ", font=('Times New
roman',12),relief = RAISED,
                        bg='dark slate blue',fg='white',activebackground='darkslateblue',
                        activeforeground='lavender',bd=0,cursor='hand2')

Var11 = StringVar()
Var12 = StringVar()
Var13 = StringVar()

Menu2 = Menu(MenuBtn2, tearoff = 0)

Menu2.add_radiobutton(label = "Body Wash", variable = Var11, value ='optiona', command=bodyb)
Menu2.add_radiobutton(label = "Shower gel", variable = Var11, value ='optionb',command=bodyb)
Menu2.add_radiobutton(label = "Body Lotion", variable = Var11, value ='optionc', command=bodyb)

```

```

Menu2.add_radiobutton(label = "Body Scrub", variable = Var11, value ='optiond', command=bodyb)

MenuBttn2["menu"] = Menu2

#to change colour/font etc for drop down menu
Menu2.config(bg='lavender')

MenuBttn2.place(x=370,y=56)

#About
MenuBttn3= Button(my_frame, text = " ABOUT ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

#to change colour/font etc for drop down menu

MenuBttn3.place(x=550,y=56)

#Ingrediants
MenuBttn4= Menubutton(my_frame, text = " INGREDIENTS ", font=('Times New roman',12),relief =
RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')

MenuBttn4.place(x=710,y=56)

#Reviews
MenuBttn5= Button(my_frame, text = " CAREERS ", font=('Times New roman',12),relief = RAISED,
                  bg='dark slate blue',fg='white',activebackground='darkslateblue',
                  activeforeground='lavender',bd=0,cursor='hand2')
MenuBttn5.place(x=900,y=56)

#MYCART

MenuBttn6= Button(my_frame, text = " MY CART ", font=('Times New roman',12),relief = RAISED,
                  bg='LAVENDER',fg='DARKSLATEBLUE',activeforeground='darkslateblue',
                  activebackground='lavender',bd=0,cursor='hand2', command=finalbill)

MenuBttn6.place(x=1155,y=56)

#linking pages to the menubuttons

frame3= Frame(my_frame)
frame3.place(x=0,y=95)
imagebg = Image.open('careerbg.png')
imagetxt = Image.open('careerhead.png')

image1=Image.open('career1.png')
image2=Image.open('career2.png')

```

```

image3=Image.open('career3.png')
image4=Image.open('career4.png')

image1r=image1.resize((770,134))
image2r=image2.resize((435,146))
image3r=image3.resize((695,130))
image4r=image4.resize((500,137))
imagetxt=imagetxt.resize((660,120))

imagebg.paste(imagetxt, (30,25), imagetxt)
# Convert the Image object into a TkPhoto object

imagebg.paste(image1r, (3,130), image1r)
imagebg.paste(image2r, (15,230), image2r)
imagebg.paste(image3r, (0,370), image3r)
imagebg.paste(image4r, (9,480), image4r)
tkimage = ImageTk.PhotoImage(imagebg)

panel1 = Label(frame3, image=tkimage)
panel1.grid(row=0, column=2, sticky=E)

r1=Button(frame3,text='          APPLY          ', command=apply,font=('Georgia',
17),bg='black',fg='thistle',bd=0,activeforeground='thistle'
        ,activebackground='black',cursor='hand2')
r1.place(x=950,y=165)

r2=Button(frame3,text='          APPLY          ', command=apply,font=('Georgia',
17),bg='black',fg='thistle',bd=0,activeforeground='thistle'
        ,activebackground='black',cursor='hand2')
r2.place(x=950,y=290)

r3=Button(frame3,text='          APPLY          ', command=apply,font=('Georgia',
17),bg='black',fg='thistle',bd=0,activeforeground='thistle'
        ,activebackground='black',cursor='hand2')
r3.place(x=950,y=410)

r4=Button(frame3,text='          APPLY          ',command=apply, font=('Georgia',
17),bg='black',fg='thistle',bd=0,activeforeground='thistle'
        ,activebackground='black',cursor='hand2')
r4.place(x=950,y=530)

root.mainloop()

```

Careers Page - 3:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from tkcalendar import DateEntry
from tkinter import messagebox

```

```

root=Tk()
root.title("    Careers")

width=root.winfo_screenwidth()
height=root.winfo_screenheight()

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

bg=Image.open("bg(career).png")
resize_bgImage=bg.resize((width, 700))
bgImage= ImageTk.PhotoImage(resize_bgImage)
bgLabel= Label(root, image=bgImage)
bgLabel.image=bgImage
bgLabel.place(x=0, y=0)

def submit():
    fname =str(fname_entry.get())
    lname = str(lname_entry.get())
    dob = str(date.get())
    email = str(email_entry.get())
    phone = str(phone_entry.get())
    experience = str(experience_entry.get())
    job = str(job_combo1.get())
    s= ' '
    skills = str(skill_text.get("1.0", "end-1c"))
    t=str(fname+s+lname+s+dob+s+email+s+phone+s+experience+s+job+s+skills+'\n')
    myfile=open('Record.txt', 'a')
    myfile.write(t)
    myfile.close()
    messagebox.showinfo("Submitted",'Application submitted successfully!')

font1= ('Times New roman', 23, 'bold')
font2=('Times New roman', 21)
font3=('Times New roman', 14, 'bold')

fname_label = Label(root, text="First Name:", font=font1, bg='#FFF7EF')
fname_label.place(x=600, y=140)
fname_entry = Entry(root, font=font2, width=20, bd=1)
fname_entry.place(x=960, y=140)

lname_label = Label(root, text="Last Name:", font=font1, bg='#FFF7EF')
lname_label.place(x=600, y=200)
lname_entry = Entry(root, font=font2, width=20, bd=1)
lname_entry.place(x=960, y=200)

dob_label = Label(root, text="Date of Birth:", font=font1, bg='#FFF7EF')
dob_label.place(x=600, y=260)
date= DateEntry(root, font=font3, width=27, bd=0, bg='#FFF7EF' )
date.place(x=960, y=270)

```

```

email_label = Label(root, text="Email:", font=font1, bg='#FFF7EF')
email_label.place(x=600, y=327)
email_entry = Entry(root, font=font2, width=20, bd=1)
email_entry.place(x=960, y=325)

phone_label = Label(root, text="Phone Number:", font=font1, bg='#FFF7EF')
phone_label.place(x=600, y=387)
phone_entry = Entry(root, font=font2, width=20, bd=1)
phone_entry.place(x=960, y=385)

experience_label = Label(root, text="Experience:", font=font1, bg='#FFF7EF')
experience_label.place(x=600, y=447)
experience_entry = Entry(root, font=font2, width=20, bd=1)
experience_entry.place(x=960, y=445)

job_label= tk.Label(root, text="Job Title: ",font=font1, bg='#FFF7EF')
job_label.place(x=600, y=510)
job=["Equipment Cleaning Technician", "Brand Designer", "Social Content Producer","Retention Manager" ]
job_combo1=ttk.Combobox(root, values=job,font=font2, width=19)
job_combo1.place(x=960, y=507)

skill_label = Label(root, text="Skills:",font=font1, bg='#FFF7EF')
skill_label.place(x=600, y=570)
skill_text = Text(root, height=2, width=30, font=font3)
skill_text.place(x=960, y=577)

submit_button=Button(root,cursor='hand2', command=submit, text="SUBMIT", font=('Times', 19, 'bold'), bg='#F1C0FF', bd=0, width=13, activebackground='#F1C0FF')
submit_button.place(x=1070, y=640)

root.mainloop()

```

Checkout (My cart page) - 1:

```

import tkinter as tk
from tkinter import *
from PIL import ImageTk, Image
from tkinter import ttk
from ttkbootstrap.scrolled import ScrolledFrame
import os
import product_data

root=Tk()
root.title("    Laranna")

root.iconbitmap(r'C:\Users\user\OneDrive\Documents\Sisira\Senior high-\Grade 12\Computer Project\login\favicon.ico')

#get wigth & height of screen
width=root.winfo_screenwidth()
height=root.winfo_screenheight()

```

```

#set screensize as fullscreen and not resizable
root.geometry("%dx%d"%(width,height))
root.resizable(True, False)

bg=Image.open("bg(cart).png")
resize_bgImage=bg.resize((width, 700))
bgImage= ImageTk.PhotoImage(resize_bgImage)
bgLabel= Label(root, image=bgImage)
bgLabel.place(x=0, y=0)
bgLabel.image=bgImage

#label1=Label(root,bg='#F6E9DA',width=40)
#headlabel=Label(root,text='BILL', font=('Georgia', 25), bg='#F6E9DA', width=40)
#headlabel.pack()
label2=Label(root,text="Here are your customized products: ", bg='#F6E9DA', font=('Georgia', 17))
label2.place(x=30, y=170)

frame= Frame(root,bg='#F6E9DA')
frame.place(x=500, y=170)
file1 = open('bill.txt', 'r') # Open the file in read mode
text1 = file1.readlines()
x = len(text1)
for i in range(x):
    billlabel = Label(frame, text=text1[i], font=('Georgia', 14), bg='#F6E9DA')
    billlabel.pack(side="top", padx=4, pady=0) # Adjust the pady value to your preference
file1.close()
os.remove('bill.txt')
c=product_data.count_p()

label3=Label(root, text=c ,bg='#F1C0FF', font=('Georgia', 27))
label3.place(x=470, y=529)
label4=Label(root, text='$' ,bg='#F1C0FF', font=('Georgia', 27))
label4.place(x=430, y=529)

product_data.delete_product()

root.mainloop()

```

Checkout (My cart page) - 2:

```

import mysql.connector as sqltor

def create_table():
    conn=sqltor.connect(host='localhost', user='root', passwd='sisira@dl07',
database='ingredients')
    cursor=conn.cursor()
    cursor.execute('''
        CREATE TABLE IF NOT EXISTS Products (
            Product_Name VARCHAR(50),
            Quantity INTEGER,

```

```

        Price INTEGER )''' )
conn.commit()
conn.close()

def insert_product(p_name, quantity, price):
    conn=sqltor.connect(host='localhost', user='root', passwd='sisira@dl07',
database='ingredients')
    cursor=conn.cursor()
    Q1='INSERT INTO Products(Product_Name, Quantity, Price) VALUES(%s,%s,%s)'
    V1=(p_name, quantity, price)
    cursor.execute(Q1, V1)
    conn.commit()
    conn.close()

def delete_product():
    conn=sqltor.connect(host='localhost', user='root', passwd='sisira@dl07',
database='ingredients')
    cursor=conn.cursor()
    cursor.execute('DELETE FROM Products')
    conn.commit()
    conn.close()
create_table()

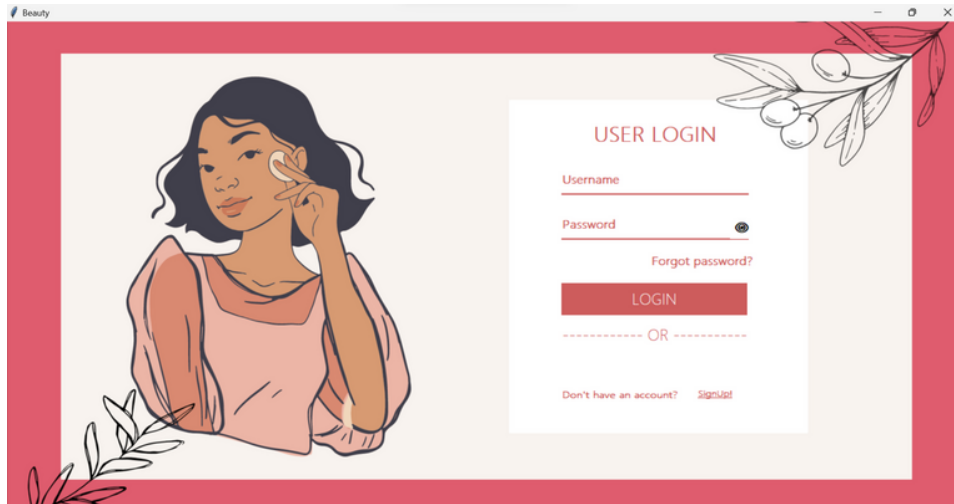
def count_p():
    conn=sqltor.connect(host='localhost', user='root', passwd='sisira@dl07',
database='ingredients')
    cursor=conn.cursor()
    cursor.execute('SELECT SUM(Price) FROM PRODUCTS')
    count= cursor.fetchall()
    conn.close()
    return count

create_table()

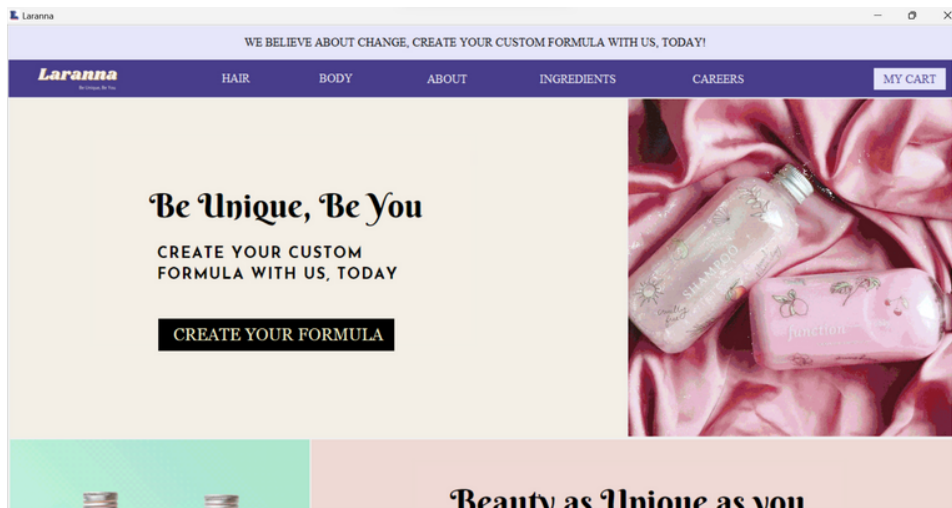
```

Sample Output

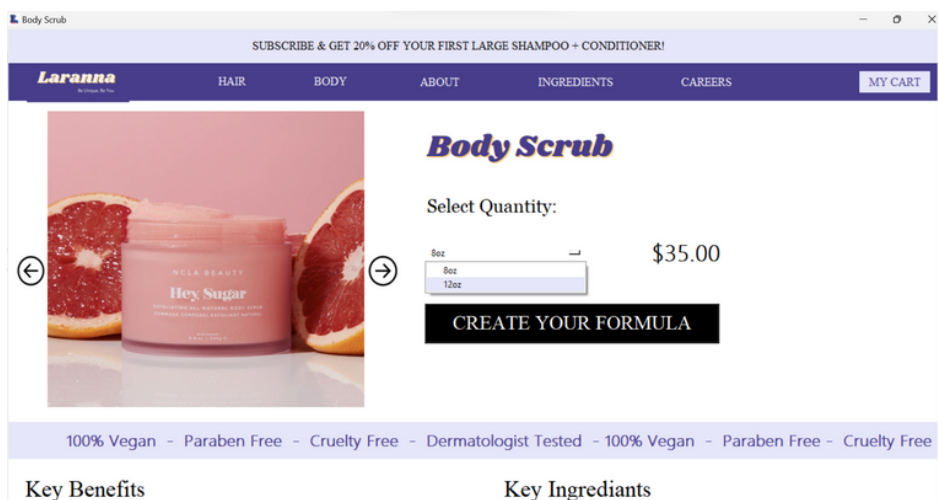
1.Sign-in



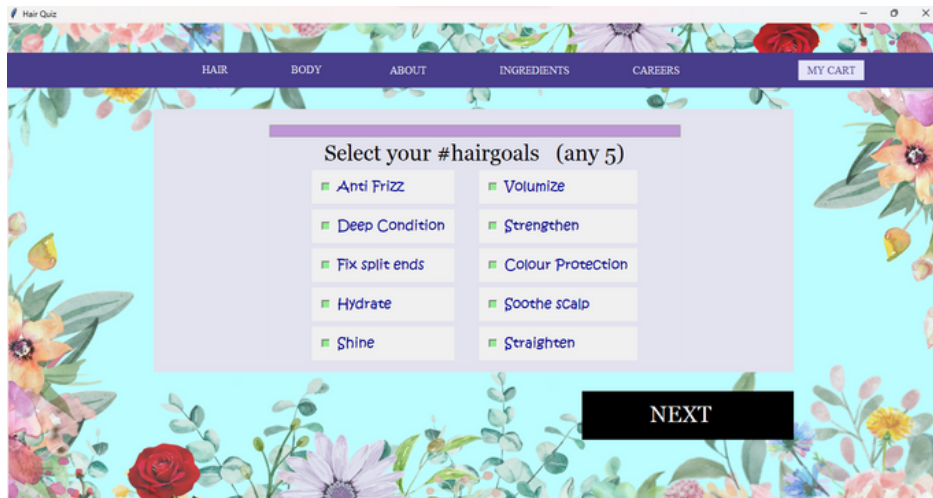
2.Home Page



3.Product Page



4. Hair quiz



The screenshot shows a web browser window titled "Hair Quiz". The navigation bar includes links for HAIR, BODY, ABOUT, INGREDIENTS, CAREERS, and MY CART. The main content area has a light blue background with a floral border. It features a purple box with the text "Select your #hairgoals (any 5)". Below this, there are two columns of buttons, each with a green square icon and a hair goal: Anti Frizz, Deep Condition, Fix split ends, Hydrate, Shine, Volumize, Strengthen, Colour Protection, Soothe scalp, and Straighten. A black "NEXT" button is positioned at the bottom right of the quiz area.

HAIR BODY ABOUT INGREDIENTS CAREERS MY CART

Select your #hairgoals (any 5)

- Anti Frizz
- Deep Condition
- Fix split ends
- Hydrate
- Shine
- Volumize
- Strengthen
- Colour Protection
- Soothe scalp
- Straighten

NEXT

5. Careers



The screenshot shows a web browser window titled "Careers". The main heading is "JOB APPLICATION". On the left, there is an illustration of two people working on a laptop. To the right of the illustration is a list of form fields, each preceded by a green checkmark icon. The fields are: First Name, Last Name, Date of Birth (with a date picker showing 11/13/23), Email, Phone Number, Experience, Job Title (with a dropdown arrow), and Skills. At the bottom right, there is a purple "SUBMIT" button.

Careers

JOB APPLICATION

- First Name:
- Last Name:
- Date of Birth: 11/13/23
- Email:
- Phone Number:
- Experience:
- Job Title:
- Skills:

SUBMIT

6. My Cart



The screenshot shows a web browser window titled "Laranna". The main heading is "SHOPPING CART:". Below this, it says "Here are your customized products:". There is a list of products with their prices: Custom Shampoo (8 oz) - \$21.00, Custom Conditioner (16 oz) - \$27.00, Hair Serum (3 oz) - \$29.00, Body Lotion (12 oz) - \$35.00, and Body Scrub (3 oz) - \$24.00. At the bottom left, it says "Total To Pay:" followed by a purple box containing "\$ 136". On the right side, there is a large illustration of a plant with leaves and fruit.

Laranna

SHOPPING CART:

Here are your customized products:

- Custom Shampoo (8 oz) - \$21.00
- Custom Conditioner (16 oz) - \$27.00
- Hair Serum (3 oz) - \$29.00
- Body Lotion (12 oz) - \$35.00
- Body Scrub (3 oz) - \$24.00

Total To Pay: \$ 136

Technical Documentations

HARDWARE REQUIREMENTS:

- An Intel based central Processing Unit capable of running any sort of Windows operating system such as a 20 based workstation.
- Minimum 64mb Ram 126 MB desirable at server.
- Minimum 60 MB of free disk space for file next line a CD ROM drive.
- Minimum 48 MB of RAM at workstation next line VGA 15 colour monitor for workstation.

SOFTWARE REQUIREMENTS:

- Windows 7 and above
- Python 3.11
- MySQL 8.0 Command Line Client
- Notepad

Advantages and Disadvantages:

ADVANTAGES:

- User friendly interface is provided for easy access of various options provided by the application.
- Customers can purchase specially curated, customized products.
- Customers are provided with the option to choose different quantities of the available products according to their requirements.
- Option is provided to view the special ingredients which will be used to build their custom formula.
- Option is provided to apply for any open job opportunities.
- A bill is generated after the selections have been made and the purchase is confirmed.

DISADVANTAGES:

- Customers will have to take the quizzes each time to add new products to the final cart.
- Once a product has been inserted to the cart it cannot be deleted unless the whole cart is emptied.
- Prices are fixed and cannot be bargained for.

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