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In [*]: import os
class e_comm:

    def __init__(self):
        self.loggedin = False
        self.customer_details_list = []

    def register(self,name,mob_no,email,password):
        conditions = True
        if len(str(mob_no))>10 or len(str(mob_no))<10:
            print("Invalid phoneno ! Please Enter 10 digit phone no.")
            conditions = False

        if len(password)<6 or len(password)>16:
            print("Enter password greater than 6 and less than 16 characters")
            conditions=False

        if conditions == True:
            self.customer_details_list = [name,mob_no,email,password]
            print("Account Created Successfully")
            with open(f"{name}.txt","w") as f:
                for details in self.customer_details_list:
                    f.write(str(details)+"\n")

    def login(self,name,mob_no,email,password):
        with open(f"{name}.txt","r") as fil:
            details=fil.read()
            self.customer_details_list = details.split("\n")
            if str(mob_no) in str(self.customer_details_list):
                if str(email) in str(self.customer_details_list):
                    if str(password) in str(self.customer_details_list):
                        self.loggedin = True

            if self.loggedin == True:
                print()
                print(f"{name} logged In".center(75))
                self.name=name

            else:
                print("Wrong Details")

e_object = e_comm()
print("="*85)
print("Welcome to shopy site....!!!".center(85))
print("="*85)
print("SignIn or SignUp\n".center(85))
user_input=int(input("\t\t\tPress 1 To Login.\n\t\t\tPress 2 to create a new acco
print("="*85)

if user_input == 1:
    print("="*75)

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print("~~~Login Page~~~".center(85))
print("="*75)
name=input("\t\t\tEnter Name: ")
mob_no=int(input("\t\t\tEnter mobile no: "))
email=input("\t\t\tEnter email_id: ")
password=input("\t\t\tEnter your password: ")

e_object.login(name,mob_no,email,password)
while True:
    if e_object.loggedin:
        print("="*85)
        print("Main Menu".center(85))
        print("="*85)
        print("\t\t\t1.Add product.")
        print("\t\t\t2.Cart.")
        print("\t\t\t3.Edit profile.")
        print("\t\t\t4.Remove a product from cart.")
        print("\t\t\t5.Procced to purchase.")
        print("\t\t\t6.Logout.")
        print()

        login_user = int(input("\t\t\tEnter choice: "))

        if login_user == 6:
            print("Thankyou.....Have a nice day.....")
            break

        elif login_user == 1:
            print("="*85)
            print("Add product".center(85))
            print("="*85)
            pro_id=int(input("\t\t\tProduct Id: "))
            pro_name=input("\t\t\tName of the product: ")
            pro_clr=input("\t\t\tColour : ")
            pro_size=input("\t\t\tsize: ")
            pro_price=input("\t\t\tPrice: ")
            with open(f"{name}.txt","a") as fil:
                fil.write(f"{pro_id}-{pro_name}-{pro_clr}-{pro_size}-{pro_price}")

            print("Added successfully...!!!\n".center(85))
            print("\t\t\t1.Back Menu")
            print("\t\t\t2.Logout")

            choose = int(input())
            if choose == 1:
                continue
            elif choose == 2:
                break

        elif login_user == 2:
            print("="*85)
            print("Cart".center(85))
            print("="*85)

            with open(f"{name}.txt","r") as fil:
                F="%15s %15s %15s %15s %15s"

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print(F % ("PRODUCT ID", "PRODUCT NAME", "COLOUR", "SIZE", "PRICE"))
print("="*85)

read=fil.readlines()
temp=read[4:16]

for i in temp:
    m=i.split("-")
    for j in m:
        print("%15s" %j, end=' ')
    print()

elif login_user == 3:
    print("\t\t\t-----Warning-----")
    print("\t\t\tAll the Existing product in the cart will be lost...")
    print("\t\t\t1.To continue")
    print("\t\t\t2.Back Menu")

    choose = int(input())
    if choose == 1:
        with open(f"{name}.txt", "r") as fil:
            read=fil.readlines()

            newname=name
            newmob=input("want to change mobile no? Enter new details")
            newemail=input("want to change email? Enter new details")
            newpwd=input("want to change password? Enter new details")

            if (len(newname)==0):
                newname=read[0]

            if (len(newmob)==0):
                newmob=read[1]

            if (len(newemail)==0):
                newemail=read[2]

            if (len(newpwd)==0):
                newpwd=read[3]

            customer_details_list = [newname,newmob,newemail,newpwd]
            print("\n\n")
            print("\t\t\tAccount updated Successfully")
            with open(f"{name}.txt", "w") as f:
                for details in customer_details_list:
                    f.write(str(details)+"\n")

    elif choose == 2:
        continue

elif login_user == 4:
    search=input("\t\t\tEnter product_id to delete record: ")
    file=open(f"{name}.txt", "r")

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flag=0

file1=open("temp1.txt","w")
flag1=0
while(True):
    t=file.readline()
    d=len(t)
    if d==0:
        break
    g=t.split("-")
    if g[0]!=search:
        file1.write(t)
    if g[0]==search:
        flag1=1
file.close()
file1.close()
if flag1==1:
    print("\n")
    print("\t\t\trecord deleted successfully")
    os.remove(f"{name}.txt")
    os.rename("temp1.txt",f"{name}.txt")

elif flag1==0:
    print("\nRecord not found....deletion unsuccessful")

elif login_user == 5:

    print("="*85)

    print("CUSTOMER DETAILS".center(85))
    print("="*85)

    address=input("\t\t\tEnter Address: ")
    pincode=input("\t\t\tEnter pincode: ")

    with open(f"{name}.txt","r") as fil:
        t=fil.readlines()
        temp=t[4:16]
        l1=[]

        for i in temp:
            m=i.split("-")
            l1.append(m)

        c=len(l1)

        sum=0
        for i in range(0,c):
            sum=int(l1[i][4])+sum

    print("\n")
    print("="*85)
    print("\n")
    print("ORDER DETAILS".center(85))
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print("="*85)

o="%15s %13s %15s"
print(o % (f"Name of customer: {name}", " ", f"Address: {address}"))
o="%15s %37s"
print(o % (f"Mobile No: {mob_no}", f"Pincode: {pincode}"))
o="%15s %35s"
print(o % (f"Email: {email}", "Payment Mode: COD"))
print("="*85)
print("\n")
print("ORDER RECEIPT".center(85))
print("="*85)

with open(f"{name}.txt", "r") as fil:
    F="%15s %15s %15s %15s %15s"
    print(F % ("PRODUCT ID", "PRODUCT NAME", "COLOUR", "SIZE", "PRICE"))
    print("="*85)

    read=fil.readlines()
    temp=read[4:16]

    for i in temp:
        m=i.split("-")
        for j in m:
            print("%15s" %j, end=' ')
        print()
    print("="*85)
    print("Total Amount: ", " "*59+"Rs.", sum)
    print("="*85)
    print("\n\tYour order will be Delivered on the given address with")
    print("\n\n")

if user_input == 2:
    print("="*85)
    print("\t\t\t\t Register")
    print("="*85)
    name=input("Enter name : ")
    mob_no=int(input("Enter mobile no : "))
    email=input("Enter your email_id : ")
    password=input("Enter password : ")
    e_object.register(name,mob_no,email,password)

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                                Welcome to shopy site....!!!
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SignIn or SignUp

Press 1 To Login.

Press 2 to create a new account.

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