Code

```
shopping = [{"id": 1001, "Name": "HOODIES", "Available": 100, "Price": 2500, "Original_Price": 24000},

        {"id": 1002, "Name": "JACKETS", "Available": 100, "Price": 3500, "Original_Price": 34000},

        {"id": 1003, "Name": "SHIRTS", "Available": 100, "Price": 2800, "Original_Price": 27000},

        {"id": 1004, "Name": "TROUSER", "Available": 100, "Price": 6000, "Original_Price": 59000},

        {"id": 1005, "Name": "T-SHIRT", "Available": 100, "Price": 2400, "Original_Price": 23000},

        {"id": 1006, "Name": "JUMPERS", "Available": 100, "Price": 3500, "Original_Price": 34000},

        {"id": 1007, "Name": "SHOES", "Available": 100, "Price": 1500, "Original_Price": 14000},

        {"id": 1008, "Name": "SHIRTS", "Available": 100, "Price": 4500, "Original_Price": 44000},

        {"id": 1009, "Name": "SWEATER", "Available": 100, "Price": 2000, "Original_Price": 19000},

        {"id": 1010, "Name": "BAGS", "Available": 100, "Price": 1200, "Original_Price": 11000}]
```

```python
shopping1 = shopping

temp = []

order = ""


def userlogin():

    print("1.Display Menu")

    print("2.Place order")

    print("3.Cancel order")

    print("4.Logout")


def userdisplay():

    print("Id\tName\tAvailable\tPrice")

    for d in shopping:

        print(f'{d["id"]}\t{d["Name"]}\t{d["Available"]}\t\t{d["Price"]}')


def user_id():

    userdisplay()

    p_id = int(input("\nEnter the id : "))


def placeOrder():
```

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order_number = 10

userdisplay()

p_id = int(input("\nEnter the id : "))


for d in shopping:
    if d["id"] == p_id:

        print("\nId\tName\tAvailable\tPrice")

        print(f'{d["id"]}\t{d["Name"]}\t{d["Available"]}\t\t{d["Price"]}')

        order = '{d["id"]}\t{d["Name"]}\t{d["Available"]}\t\t{d["Price"]}'

        conform = input("\nDo you want to place an order on the above shown product : Y/N ")


        if conform == 'Y' or conform == 'y':

            print("\nSuccessfully placed the order on the product {} {}".format(d["id"], d["Name"]))

            order_number += 1

            print("Your order number is : ", order_number)

            d["Available"] -= 1

            break
```

```python
            elif conform == 'N' or conform == 'n':

                print("The order is not placed. You can carry on with you purchase. Happy shopping!!!!")

                break

            else:

                print("\nYou have entered wrong option. Please enter again\n")

                conform = input("\nDo you want to place an order on the above shown product : Y/N ")

                break


    if d["id"] != p_id:

        print("\nYou have entered invalid id. Please enter valid id\n")

        user_id()
    print("\nAvailable products : \n")

    userdisplay()
def cancelOrder():
    found = False

    temp = []

    order_id = input("Enter the order id : ")

    for d in shopping:
```

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            found = d["id"] == order_id
            if found != True:
                temp.append(d)
        if len(temp) == d:
            print(f'{order_id} is not found')
        else:
            print(f'{order_id} is removed from the placed order')


def userchoice():
    choice = int(input("Please enter user choice : "))
    if choice == 1:
        userdisplay()
        print("\n")
        userlogin()
        print("\n")
        userchoice()
    elif choice == 2:
        placeOrder()
        print("\n")
        userlogin()
```

```python
        print("\n")

        userchoice()
    elif choice == 3:

        cancelOrder()

        print("\n")

        userlogin()

        print("\n")

        userchoice()
    elif choice == 4:

        logoutwindow()
    else:

        print("Invalid Choice. Please enter valid choice")


def logoutwindow():

    login()
def login():

    tp = input("WELCOME TO OUR E-COMMERCE PROGRAM Login
User [Type U to Login in the User] : ")

    if tp == 'U' or tp == 'u':

        password = input("Enter the password : ")
```

```python
if (password == "mvbv"):

    userlogin()

    userchoice()

else:

    print("Invalid password. Please enter valid password")

else:

    print("Invalid user type. Enter valid user type")


login()
```