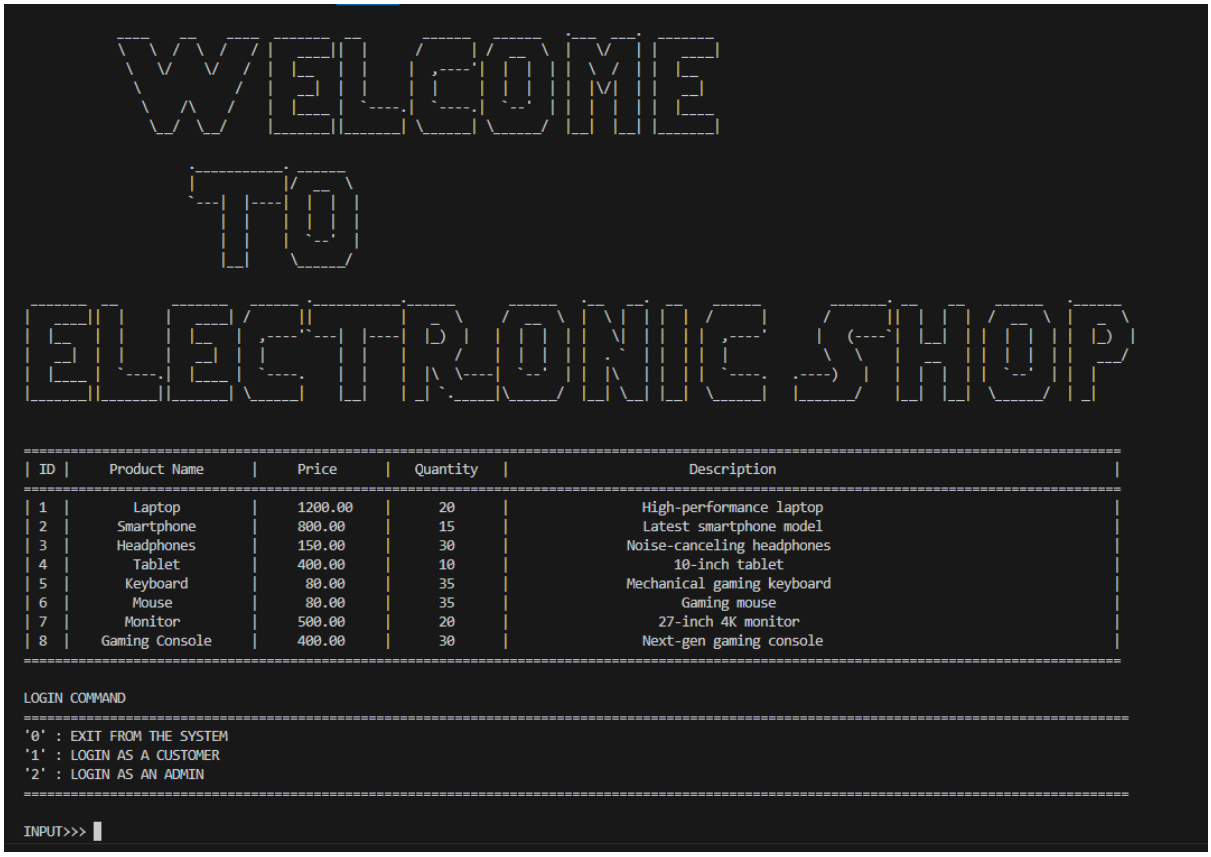
User Manual Guide

****You need to put only number that is the instruction or the program will print invalid input and you need to input again.**

****If you want to exit any session type '0' and enter.**

When you run program its will show you interface like these.



```
 ____   __   ____ ______ __      _____  _____  .___ ___. ______
\  \ /  \ /  / |  ___|| |     /     | /  __  \ |   \/   | |  ___|
 \  \/    \/  / | |__  | |    | ,----'| |  | | | \  /  | | |__
  \          /  |  __| | |    | |     | |  | | | |\/| | |  __|
   \   /\   /   | |___ | `----.| `----.| `--' | | |  | | | |___
    \__/ \__/    |______||______| \_____| \_____/ |__| |__| |______|

          .__________._____
          |          |/  __  \
          `---|  |----|  |  |
              |  |    |  | |  |
              |  |    |  `--'  |
              |__|    \_____/

 ______ __      ______  _____ .__________._____      _____  .__  __. __   _____       ______. __   __   _____  ._____
|  ___||  |    |  ___| /     ||          |  _  \    /  __  \ |  \ | | |  /     |     /     ||  |  |  | /  __  \ |  _  \
|  |__ |  |    |  |__  ,----'`---|  |----|  |_)  |  |  |  | |  \| | |  ,----'     |  (----`|  |__|  | |  |  |  | |  |_)  |
|   __| |  |    |   __| |  |       |  |    |      /   |  |  | |  . ` |  |          \   \   |   __   | |  |  |  | |   ___/
|  |___ |  `----.|  |___ |  `----.  |  |    |  |\  \----| `--' | |  |\  | |  |.----)   |  |  |  |  | |  `--'  | |  |
|______||_______||_______| \_____|  |__|    | _| `._____|\_____/ |__| \__| |__| \_____|  |_______/  |__|  |__| \_____/ | _|


==========================================================================================================================
| ID |     Product Name      |     Price     |   Quantity   |                      Description                          |
==========================================================================================================================
| 1  |       Laptop          |    1200.00    |      20      |                High-performance laptop                    |
| 2  |     Smartphone        |    800.00     |      15      |                Latest smartphone model                    |
| 3  |     Headphones        |    150.00     |      30      |              Noise-canceling headphones                   |
| 4  |       Tablet          |    400.00     |      10      |                     10-inch tablet                        |
| 5  |      Keyboard         |     80.00     |      35      |              Mechanical gaming keyboard                   |
| 6  |       Mouse           |     80.00     |      35      |                      Gaming mouse                         |
| 7  |      Monitor          |    500.00     |      20      |                  27-inch 4K monitor                       |
| 8  |   Gaming Console      |    400.00     |      30      |                Next-gen gaming console                    |
==========================================================================================================================

LOGIN COMMAND
==============================================================================================================================
'0' : EXIT FROM THE SYSTEM
'1' : LOGIN AS A CUSTOMER
'2' : LOGIN AS AN ADMIN
==============================================================================================================================

INPUT>>>
```

So you will see it ask you for input 0,1,2

'0' is exit from the system and program will stop immediately.

'1' is login as a customer.

And '2' is login as an administrator.

FOR CUSTOMER

If you put ‘1’ it will show you customer instructions like these.

```
INSTRUCTION COMMAND
==========================================================================================
'0' : BACK TO LOGIN MENU
'1' : ADDING PRODUCT TO YOUR CART
'2' : REMOVING/REDUCING PRODUCT IN YOUR CART
'3' : VIEWING YOUR CART
==========================================================================================

INPUT>>>
```

There are 4 command that you can use.

0 : back to login menu as you see in last picture.

1 : is Adding Session to add product in to your cart

2 : is going to removing session including reducing products in your cart.

3. : is viewing you cart and checkout.

So if you type 1 its go adding session. Its look like this

```
++++++++++++++++++++++++++++++++++++++++++++++++++ADDING SESSION++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

==========================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                Description                |
==========================================================================================
| 1  |        Laptop         |    1200.00     |      20      |          High-performance laptop          |
| 2  |      Smartphone       |    800.00      |      15      |          Latest smartphone model          |
| 3  |      Headphones       |    150.00      |      30      |       Noise-canceling headphones          |
| 4  |        Tablet         |    400.00      |      10      |             10-inch tablet                |
| 5  |       Keyboard        |     80.00      |      35      |       Mechanical gaming keyboard          |
| 6  |        Mouse          |     80.00      |      35      |             Gaming mouse                  |
| 7  |       Monitor         |    500.00      |      20      |           27-inch 4K monitor              |
| 8  |    Gaming Console     |    400.00      |      30      |          Next-gen gaming console          |
==========================================================================================

ADDING INSTRUCTION COMMAND
==========================================================================================
'0' : EXIT TO MENU
'1' : ADDING PRODUCT
==========================================================================================

INPUT>>>
```

The table above is product/stock in our store.

Type ‘0’ to exit to menu which is instruction command screen.

Type ‘1’ to start adding product in to your cart.

So if I want to add some thing in my cart.

I type 1 to go add product, It will ask you to put ID and Quantity of Product.

Example : I want Item ID 1 and quantity of 10 this is what I need to input.

```
=================================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                                |
=================================================================================================================================
| 1  |        Laptop         |    1200.00     |      15      |                High-performance laptop                          |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                          |
| 3  |      Headphones       |    150.00      |      30      |               Noise-canceling headphones                        |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                              |
| 5  |       Keyboard        |     80.00      |      35      |               Mechanical gaming keyboard                        |
| 6  |        Mouse          |     80.00      |      35      |                       Gaming mouse                              |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                            |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                          |
=================================================================================================================================

ADDING INSTRUCTION COMMAND
=================================================================================================================================
'0' : EXIT TO MENU
'1' : ADDING PRODUCT
=================================================================================================================================

INPUT>>> 1
YOU CAN TYPE '0' TO EXIT.

ID>>> 1
QUANTITY>>> 10

//////////////////////////////////////SUCESSFULLY ADD PRODUCT ID: 1 QUANTITY: 10 TO YOUR CART.////////////////////////////////////////////
```

After add it’s will show message that you add item successfully.

If you type ‘2’ it will go to removing session which look like this.

```
YOUR CART
==========================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                    Description                          |
==========================================================================================================================
| 1  |        Laptop         |    12000.00    |      10      |              High-performance laptop                    |
| 2  |      Smartphone       |     8000.00    |      10      |              Latest smartphone model                    |
==========================================================================================================================

-------------------------------------------------REMOVING SESSION-------------------------------------------------------

REMOVING INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : REMOVING PRODUCT
'2' : REDUCE PRODUCT QUANTITY
==========================================================================================================================

INPUT>>>
```

You can type ‘1’ or ‘2’ to remove/reduce according to the instruction.

If you go to removing process. It will ask you to put id of Item that you want to remove.

```
REMOVING INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : REMOVING PRODUCT
'2' : REDUCE PRODUCT QUANTITY
==========================================================================================================================

INPUT>>> 1
YOU CAN TYPE '0' TO EXIT.

ID>>> 1

//////////////////////////////////////////////SUCESSFULLY REMOVE PRODUCT ID: 1 IN YOUR CART.//////////////////////////////////////////////
```

After remove it show message that you remove successfully.

Or If you go to reducing process

It ask you to put ID and Quantity to reduce.

```
REMOVING INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : REMOVING PRODUCT
'2' : REDUCE PRODUCT QUANTITY
==========================================================================================================================

INPUT>>> 2
YOU CAN TYPE '0' TO EXIT.

ID>>> 2
QUANTITY>>> 5

//////////////////////////////////////////SUCESSFULLY REDUCE PRODUCT ID: 2 QUANTITY 5 IN YOUR CART.//////////////////////////////////////////
```

If it’s reduce successfully it will show you message like this.

If you type ‘3’ in instruction command is viewing cart

```
YOUR CART
==========================================================================================================================
| ID |     Product Name      |     Price      |  Quantity  |                    Description                            |
==========================================================================================================================
| 2  |      Smartphone       |    4000.00     |     5      |              Latest smartphone model                      |
==========================================================================================================================

CART INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : CHECKING OUT
==========================================================================================================================
INPUT>>>
```

It’s show item in your cart

And ask you to put ‘0’ if you want to add more item.

‘1’ is going to checkout system.

Checkout system

```
CHECKOUT COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : CONFIRM
'2' : ADDING DISCOUNT CODE
==========================================================================================================================

INPUT>>>
```

In check out it ask you if you confirm your order and you don’t have discount coupon.

```
CHOOSE METHOD TO PAY
==========================================================================================================================
'0' : GO BACK
'1' : CASH
'2' : MOBILE BANKING
==========================================================================================================================
INPUT>>>
```

This is after you confirm your order its ask you how you pay the order.

After you pay you will get the receipt.

```
//////////////////////////////////////////////////////YOUR ORDER HAVE BEEN CONFIRM//////////////////////////////////////////////////////

**************************************************************************************************************************
*                                                    RECEIPT                                                             *
*                                                ELECTRONIC STORE                                                        *
*                                                                                                                        *
**************************************************************************************************************************
*    QUANTITY          ID            NAME                                                              AMOUNT            *

*        5             2          Smartphone                                                           4000.00           *
*                                                                                                                        *
*             TOTAL                                                                                    4000.00           *
**************************************************************************************************************************
                                                THANK YOU FOR PURCHASING
```

But if you have discount code.

```
INPUT>>> 2
YOU CAN TYPE '0' TO EXIT.

DISCOUNT CODE HERE>>> 9ARM

//////////////////////////////////////////////////////////SUCCESFULLY USE DISCOUNT CODE//////////////////////////////////////////////////////////////////////////////////////////////////////
```

You can type code/coupon that you have if it's valid it will show that you successfully use discount code.

After this method will be same as normal and you will get receipt with discount code used.

```
*****************************************************************************************************************************************
*                                                                RECEIPT                                                                *
*                                                             ELECTRONIC STORE                                                          *
*                                                                                                                                       *
*****************************************************************************************************************************************
*    QUANTITY          ID            NAME                                                                                AMOUNT          *

*       10             1            Laptop                                                                              12000.00          *
*                                                                                                                                       *
*       DISCOUNT COUPON                                  9ARM                                                            2280.00          *
*                                                                                                                                       *
*            TOTAL                                                                                                       9720.00          *
*****************************************************************************************************************************************
                                                          THANK YOU FOR PURCHASING
```

FOR ADMINISTRATOR

You will see instruction command too.

```
INSTRUCTION COMMAND
==================================================================================================================================
'0' : BACK TO LOGIN MENU
'1' : ADDING PRODUCT TO STORE
'2' : REMOVING/REDUCING PRODUCT IN STORE
==================================================================================================================================

INPUT>>>
```

But only 2 option that you can do.

1 : is Adding new Product to store and add stock to store.

2 : is remove product and reducing product in store.

In Adding

```
++++++++++++++++++++++++++++++++++++++++++++++++++ADDING SESSION+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

==================================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                                |
==================================================================================================================================
| 1  |        Laptop         |    1200.00     |      20      |                High-performance laptop                          |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                          |
| 3  |      Headphones       |    150.00      |      30      |              Noise-canceling headphones                         |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                              |
| 5  |       Keyboard        |     80.00      |      35      |              Mechanical gaming keyboard                         |
| 6  |        Mouse          |     80.00      |      35      |                      Gaming mouse                               |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                            |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                          |
==================================================================================================================================

ADDING INSTRUCTION COMMAND
==================================================================================================================================
'0' : EXIT TO MENU
'1' : ADDING PRODUCT
==================================================================================================================================

INPUT>>>
```

It will show interface same as customer but when you add if id is exist its automatically add quantity to that id and if id is new it will ask you to input more detail.

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++ADDING SESSION++++++++++++++++++++++++++++++++++++++
```

In removing interface will be same as customer.

You need to type 1 or 2 to go to process that you want (1 is remove)(2 is reduce)

```
==========================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                          |
==========================================================================================================================
| 1  |        Laptop         |    1200.00     |      30      |                High-performance laptop                    |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                    |
| 3  |      Headphones       |    150.00      |      30      |              Noise-canceling headphones                   |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                        |
| 5  |       Keyboard        |     80.00      |      35      |              Mechanical gaming keyboard                   |
| 6  |        Mouse          |     80.00      |      35      |                      Gaming mouse                         |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                      |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                    |
| 9  |      KING KONG        |    100.00      |      10      |                          monkey                           |
==========================================================================================================================

-------------------------------------------------REMOVING SESSION-------------------------------------------------------

REMOVING INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : REMOVING PRODUCT
'2' : REDUCE PRODUCT QUANTITY
==========================================================================================================================

INPUT>>> 1
YOU CAN TYPE '0' TO EXIT.

ID>>> 9
==========================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                          |
==========================================================================================================================
| 1  |        Laptop         |    1200.00     |      30      |                High-performance laptop                    |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                    |
| 3  |      Headphones       |    150.00      |      30      |              Noise-canceling headphones                   |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                        |
| 5  |       Keyboard        |     80.00      |      35      |              Mechanical gaming keyboard                   |
| 6  |        Mouse          |     80.00      |      35      |                      Gaming mouse                         |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                      |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                    |
==========================================================================================================================
```

Remove item in store

```
==========================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                          |
==========================================================================================================================
| 1  |        Laptop         |    1200.00     |      30      |                High-performance laptop                    |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                    |
| 3  |      Headphones       |    150.00      |      30      |              Noise-canceling headphones                   |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                        |
| 5  |       Keyboard        |     80.00      |      35      |              Mechanical gaming keyboard                   |
| 6  |        Mouse          |     80.00      |      35      |                      Gaming mouse                         |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                      |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                    |
==========================================================================================================================

-------------------------------------------------REMOVING SESSION-------------------------------------------------------

REMOVING INSTRUCTION COMMAND
==========================================================================================================================
'0' : EXIT TO MENU
'1' : REMOVING PRODUCT
'2' : REDUCE PRODUCT QUANTITY
==========================================================================================================================

INPUT>>> 2
YOU CAN TYPE '0' TO EXIT.

ID>>> 1
QUANTITY>>> 15
==========================================================================================================================
| ID |     Product Name      |     Price      |   Quantity   |                      Description                          |
==========================================================================================================================
| 1  |        Laptop         |    1200.00     |      15      |                High-performance laptop                    |
| 2  |      Smartphone       |    800.00      |      15      |                Latest smartphone model                    |
| 3  |      Headphones       |    150.00      |      30      |              Noise-canceling headphones                   |
| 4  |        Tablet         |    400.00      |      10      |                     10-inch tablet                        |
| 5  |       Keyboard        |     80.00      |      35      |              Mechanical gaming keyboard                   |
| 6  |        Mouse          |     80.00      |      35      |                      Gaming mouse                         |
| 7  |       Monitor         |    500.00      |      20      |                   27-inch 4K monitor                      |
| 8  |    Gaming Console     |    400.00      |      30      |                Next-gen gaming console                    |
==========================================================================================================================
```

Reducing item in store.

‘0’ is to exit from system/ go back

```
ADDING INSTRUCTION COMMAND
==========================================================================================
'0' : EXIT TO MENU
'1' : ADDING PRODUCT
==========================================================================================

INPUT>>> 1
YOU CAN TYPE '0' TO EXIT.

ID>>> 0
//////////////////////////////////////////////////////EXITING ADDING PRODUCT//////////////////////////////////////////////////////

++++++++++++++++++++++++++++++++++++++++++++++++++ADDING SESSION++++++++++++++++++++++++++++++++++++++++++++++++++

==========================================================================================
| ID |     Product Name      |     Price     |   Quantity   |                Description                |
==========================================================================================
| 1  |        Laptop         |    1200.00    |      15      |          High-performance laptop          |
| 2  |      Smartphone       |    800.00     |      15      |          Latest smartphone model          |
| 3  |      Headphones       |    150.00     |      30      |       Noise-canceling headphones          |
| 4  |        Tablet         |    400.00     |      10      |              10-inch tablet               |
| 5  |       Keyboard        |     80.00     |      35      |       Mechanical gaming keyboard          |
| 6  |        Mouse          |     80.00     |      35      |              Gaming mouse                 |
| 7  |       Monitor         |    500.00     |      20      |           27-inch 4K monitor              |
| 8  |    Gaming Console     |    400.00     |      30      |          Next-gen gaming console          |
==========================================================================================

ADDING INSTRUCTION COMMAND
==========================================================================================
'0' : EXIT TO MENU
'1' : ADDING PRODUCT
==========================================================================================

INPUT>>> 0

INSTRUCTION COMMAND
==========================================================================================
'0' : BACK TO LOGIN MENU
'1' : ADDING PRODUCT TO YOUR CART
'2' : REMOVING/REDUCING PRODUCT IN YOUR CART
'3' : VIEWING YOUR CART
==========================================================================================
```

Most you can see the instruction from my program but if your input is wrong you need to input again.