Shopping Cart Problem – Easy

-by Bharath C S

Approach to the solution:

The approach to shopping cart problem – easy is done using python, basically creating dictionaries for the retrieval of price. In my solution there are two dictionaries one for retrieval of price for the given input item number and another is retrieval of item name for the given input item number. This made easy retrieval of both price and item. Check for valid Customer name , phone number and also payment method is added to ensure proper input is given by user. At last bill is generated based on the selected products by customer (only one item is allowed to choose along with it's quantity). Net tax , payment method along with total sum to be paid is displayed in the bill.

Screenshot 1:

```
***************************** Welcome to GadgetifyWithBlr *****************************
                          Here is the list of items

           Item/Item number                          Price(in ₹)
           -----------------                          -----------
           1.Wireless Keyboard- HP Multimedia         ₹ 1350.00
           2.Wireless optical Mouse- Lenova yoga      ₹ 6000.00
           3.boAt Bassheads 242 Wired headset         ₹ 550.00
           4.boAt Airpods 201 earbuds                 ₹ 2000.00
           5.Mi 20000 mAh Powe banks                  ₹ 1600.00
           6.boAt bar bluetooth sounbar               ₹ 8000.00
           7.M3 Bluetooth 4.2 Fitband                 ₹ 350.00
           8.SanDisk 64 GB pendrive                   ₹ 2500.00


    Please Provide the following details :
    Enter your name :Bharath C S
    Enter your PhoneNumber :919944556611
    Enter the payment method(cash/card/online) :card

    Please select the items to be purchased from above list :
    Enter the item number :3
    Enter it's quantity :2
```

Screenshot 2:

```
*********************************** Bill Details **********************************************
                          Shop Name: GadgetifyWithBlr
              Shop Address: 311/5 Akash Nagar , Bangalore,Karnataka,India
                          Shop Phone.No : +91 9988776655

                                     Date and Time of Purchase : 09/07/2020  16:28:32


    Customer Name :  Bharath C S
    Customer Phone.No:  919944556611

              Item Bought              Quantity              Price
              -----------              --------              --------

    boAt Bassheads 242 Wired headset     2                    1100


    Total Tax :                        66.0
    Sum to be paid :                   1166.0
    Payment method used:                card

************************************ Visit Again, Happy shopping *****************************
```