

Medium Problem Project Implementation

I implemented the solution in Python program language. I used the Dictionary to store the static store items data, To store the shop details, customer details including purchases and billing details I had used the normal variables. Implemented the required operations using the concepts of python.

Customer Details:

```
> python3 app.py
Enter Customer name: Rahul
Enter Customer phone number: 9902324567
Enter Customer payment Method
  1.Cash
  2.Card
  3.Online
Enter your choice between [1-3]: 2
Item Id      Item Name      Item Price      Discount Price
1            Boat Headset    Rs. 1200        Rs. 899
2            Oppo A5 2020  Rs. 14990       Rs. 10990
3            Oppo A12    Rs. 10990       Rs. 9990
4            OnePlus 8    Rs. 41999       Rs. 41000
5            Oppo Reno3    Rs. 29990       Rs. 25590
6            Oppo F15     Rs. 18990       Rs. 17990
7            Vivo U10     Rs. 10990       No Discount Available
Enter the number of products you want to buy from the above Items List: 2
Enter the Item Id to Select the Product: 1
Enter the Product Quantity for the Selected Item: 1
Enter the Item Id to Select the Product: 4
Enter the Product Quantity for the Selected Item: 1
Enter your delivery Options
  1. Home
  2. Take Away
Enter your Options between [1-2]: 1
Enter your home distance in kilometers from the Store: 38
Enter the Customer Shipping Address: 7-30/1 Near Hossana Mandir Hanuman Junction.
```

Billing Generation:

Billing Details

Shop Name: GadgetifyWithGSBlr
Shop Address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop Contact no: +91 9988776655

***** Customer Details *****

Customer Name: Rahul
Customer Phone Number: 9902324567

Items Bought

Item Bought : Boat Headset
Item Quantity: 1
Original Item Price: 1200
Discount Price: 899

Item Bought : OnePlus 8
Item Quantity: 1
Original Item Price: 41999
Discount Price: 41000

Total Tax Amount: 2513.94
Delivery Amount: 60
Total Amount Saved: 1300.0
Total Amount to be paid: 44472.94
Payment Method Used: card
Billing Date and Time: 20/07/2020 12:58:12
Shipping Address: 7-30/1 Near Hossana Mandir Hanuman Junction.