

Approach to solve medium question:

Approach to solve the given problem: I have used an array of Structure objects to store the items available in GadgetifyWithGSBlr, along with their prices, weight, discounted price.

- First I have assigned the products to the array object.
- Then taken input from customer.
- Then calculated tax and total discount.
- Finally displayed output using output function.

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C:\Users\Garima Singh\Desktop\code-with-girlscript-bangalore\Medium\1. Shopping Cart Problem\solutions\garimasingh128_Garima Singh\main.exe
Welcome to GadgetifywithGS8lr
Shop address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop contact no: +91 9988776655

Enter you Name: Garima Singh
Enter your phone Number: 7879217921
Choose a payment method:
1. Cash, 2. Card, 3. Online
Enter the corresponding index: 1

Available products on our store:
1. Basshead earphones --> Original price: 1200 --> Discounted on the item: 200 --> Final amount to be paid: 1000 --> Weight 150
2. Bluetooth computer mouse --> Original price: 600 --> Discounted on the item: 200 --> Final amount to be paid: 400 --> Weight 150
3. Bose earphones --> Original price: 1000 --> Discounted on the item: 100 --> Final amount to be paid: 900 --> Weight 0
4. Bolt earphones --> Original price: 300 --> Discounted on the item: 20 --> Final amount to be paid: 280 --> Weight 150
5. Boat earphones --> Original price: 1000 --> Discounted on the item: 150 --> Final amount to be paid: 850 --> Weight 150

Enter total no of items you want to buy
3
Select the item by its number which you want to buy:
1
Quantity of Basshead earphones
10
Select the item by its number which you want to buy:
2
Quantity of Bluetooth computer mouse
5
Select the item by its number which you want to buy:
5
Quantity of Boat earphones
5
Select 1 for Takeaway and 2 for Home delivery
2
Enter dist from shop to the delivery address in KM
23
Enter your address
NIT Patna
Welcome to GadgetifywithGS8lr
Shop address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop contact no: +91 9988776655

Hey, Garima Singh!
7879217921

Your Bill Details:
Total no of types of items3
```

```
C:\Users\Garima Singh\Desktop\code-with-girlscript-bangalore\Medium\1. Shopping Cart Problem\solutions\garimasingh128_Garima Singh\main.exe
Select the item by its number which you want to buy:
5
Quantity of Boat earphones
5
Select 1 for Takeaway and 2 for Home delivery
2
Enter dist from shop to the delivery address in KM
23
Enter your address
NIT Patna
Welcome to GadgetifywithGS8lr
Shop address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop contact no: +91 9988776655

Hey, Garima Singh!
7879217921

Your Bill Details:
Total no of types of items3
Item name: Basshead earphones
Quantity: 10
Original Price: 1200
Discount given on the item200
Final Price: 1000
weight: 150
Item name: Bluetooth computer mouse
Quantity: 5
Original Price: 600
Discount given on the item200
Final Price: 400
weight: 150
Item name: Boat earphones
Quantity: 5
Original Price: 1000
Discount given on the item150
Final Price: 850
weight: 150
Home delivery option selected
Address : NIT Patna
dist in kms from shipping point: 23
Tax on the purchased product: 990
Amount to be paid: 17580
Amount saved by you: 3750
Opted payment Method: cash

Date: 8-6-2020
time: 2:34:27

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Process exited after 26.97 seconds with return value 0
Press any key to continue . . .
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