

# 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.

```
C:\Users\Garima Singh\Desktop\garimasingsh128_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
Enter your phone Number: 7768769832
Choose a payment method:
1. Cash, 2. Card, 3. Online
Enter the corresponding index: 2

Available products on our store:
1. Basshead earphones --> Original price: 1200 --> Discounted price: 200 ---> Weight 150 ---> Money you save: 1000
2. Bluetooth computer mouse --> Original price: 600 --> Discounted price: 200 ---> Weight 150 ---> Money you save: 400
3. Bose earphones --> Original price: 1000 --> Discounted price: 200 ---> Weight 0 ---> Money you save: 800
4. Bolt earphones --> Original price: 300 --> Discounted price: 200 ---> Weight 150 ---> Money you save: 100
5. Boat earphones --> Original price: 100 --> Discounted price: 200 ---> Weight 150 ---> Money you save: -100

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 earphones12
Select the item by its number which you want to buy: 2
Quantity of Bluetooth computer mouse13
Select the item by its number which you want to buy: 4
Quantity of Bose earphones34
Select 1 for Takeaway and 2 for Home delivery
2
Enter dist from shop to the delivery address in KM
455
Enter your address
patna
> Sorry we don't provide shipping to this address
Welcome to GadgetifywithGS8lr
Shop address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop contact no: +91 9988776655

Hey, Garima!
7768769832

Your Bill Details:
ENG Total no of types of items3
Item name: Basshead earphones
Quantity: 0
00:08 Original Price: 1200
07-07-2020 Discounted Price: 200
weight: 150
Item name: Bluetooth computer mouse
Quantity: 0
Original Price: 600
```

```
C:\Users\Garima Singh\Desktop\garimasingsh128_Garima Singh\main.exe
7768769832

Your Bill Details:
ENG Total no of types of items3
Item name: Basshead earphones
Quantity: 0
00:08 Original Price: 1200
07-07-2020 Discounted Price: 200
weight: 150
Item name: Bluetooth computer mouse
Quantity: 0
Original Price: 600
Discounted Price: 200
weight: 150
Item name: Bose earphones
Quantity: 0
Original Price: 1000
Discounted Price: 200
weight: 0
Home delivery option selected
Address : patna
dist in kms from shipping point: 455
Delivery cancelled because of more dist

Tax on the purchased product: 708
Amount to be paid: 12508
Amount saved by you: 44400
Opted payment Method: card

Date: 7-6-2020
time: 0:7:55

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Process exited after 33.31 seconds with return value 0
Press any key to continue . . .
```