RESULT FOR SHOPPING CART MEDIUM

```
-----Welcome to GadgetifyWithGSBlr---

List of Items and their prices
1.Name: Basshead Earphones, Original Price: Rs. 1200, Discount Price: Rs. 1000, Weight: 100g
2.Name: Bluetooth Computer mouse, Original Price: Rs. 600, Discount Price: Rs. 400, Weight: 150g
3.Name: Computer Monitor, Original Price: Rs. 500, Weight: 500g
4.Name: Smart Watch, Original Price: Rs. 1600, Weight: 50g
5.Name: Bluetooth Speakers, Original Price: Rs. 1800, Weight: 700g

Please enter the item number of items among the list of items from menu
1
Enter quantity of choosen item
2
Do you want to choose more? (Y/N)
Y
Please enter the item number of items among the list of items from menu
2
Enter quantity of choosen item
3
Do you want to choose more? (Y/N)
N
Enter Your Name:
Aditya
Enter Your Phone Number:989105663

Choose payment method
1.cash
2.card
3.online
Please enter the number assigned to the method above to choose it
1
Choose your delivery method
1.Home Delivery
2.Takeway
1
Please enter the distance of your home (in KMS)
15
```

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-----Shopping Bill-------
Shop Name: GadgetifyWithGSBlr
Shop Address: 311/5 Akshay nagar, Bangalore, Karnataka, India
Shop Contact No: +91 9988776655
Customer Name: Aditya
Phone No: 9891056693
Payment Method: cash
Delivery Mode: Home Delivery
Shipping Address: Shalimar Garden
Items Bought
Item Bought: Basshead Earphones, Item Quantity: 2
Item Bought: Bluetooth Computer mouse, Item Quantity: 3
Total Tax: Rs.192.0
Amount Saved: Rs.1000.0
Sum amount to be paid: Rs.3392.0
Billing Date:27-07-2020
Billing Date:23:47:35
```

A Map data structure was used in this solution to store the shop items and their other attributes as key-value pairs and another Map data structure was used to keep track of items chosen by customer and their quantities. Three separate classes ShoppingCartMedium , Customer and ShopItem are used to separate the details of generating the bill ,customer details and attributes of each shop item.