

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

3

Enter quantity of choosen item

2

Do you want to choose more? (Y/N)

N

Enter Your Name:

Aditya Abhishek

Enter Your Phone Number:9891056693

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

Please enter your shipping address

Shalimar Garden

-----Shopping Bill-----

Shop Name: GadgetifyWithGSBlr

Shop Address: 311/5 Akshay nagar, Bangalore, Karnataka, India

Shop Contact No: +91 9988776655

Customer Name: Aditya Abhishek

Phone No: 9891056693

Payment Method: cash

Delivery Mode: Home Delivery

Shipping Address: Shalimar Garden

Items Bought

Item Bought: Basshead Earphones, Item Quantity: 2, Original Price: 1200, Discount Price: 1000

Item Bought: Computer Monitor, Item Quantity: 2, Original Price: 500, Discount Price: 0

Shipping Charge: Rs.30

Total Tax: Rs. 181.80

Amount Saved: Rs. 400.00

Sum amount to be paid: Rs.3211.8

Billing Date:29-07-2020, Billing Time:15:31:39

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.