Output:

```
Welcome to the E-commerce System!
Entre your ID
23012189
name
Abdelrahman Gaber Eldeeb
address
egypt
How many products do you want to add to your cart
Which product do you want to add? 1- Smartphone 2- T-shirt 3- 00P Book
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Which product do you want to add? 1- Smartphone 2- T-shirt 3- 00P Book
Which product do you want to add? 1- Smartphone 2- T-shirt 3- 00P Book
Your total is 679.87. Would you like to confirm your order? 1- Yes 2- No
order summary
order id : 1
customer id : 23012189
products :
T-shirt: 19.99
00P: 39.99
T-shirt: 19.99
Smartphone: 599.9
total price : 679.87
Process finished with exit code 0
```

Code:

```
import java.util.Scanner;
public void main(String[] args) {
  Scanner input = new Scanner(System.in);
  clothing clothing = new clothing(2,"T-shirt",19.99f,"Medium","Cotton");
  int id = input.nextInt();
  input.nextLine();
  System.out.println("name");
  String name = input.nextLine();
  System.out.println("address");
  String address = input.nextLine();
  customer customer = new customer(id, name, address);
  System.out.println("How many products do you want to add to your cart");
  int size = input.nextInt();
  cart cart = new cart(customer.getId(), size);
      int choice = input.nextInt();
      product product;
              product = new clothing(2,"T-shirt",19.99f,"Medium","Cotton");
              System.out.println("Invalid choice, try again");
          cart.addProduct(product,i);
  System.out.println("Your total is " + cart.calculate price() + ". Would you
  int choice = input.nextInt();
```

```
order order;
(float)cart.calculate price());
      order.order info();
       this.id = Math.abs(id);
      this.price = Math.abs(price);
   void setId(int id){
       this.id = Math.abs(id);
   void setName(String name) {
   void setPrice(float price) {
class electronic extends product{
       super(id, name, price);
```

```
fabric) {
      this.fabric = fabric;
      this.size = size;
      this.fabric = fabric;
publisher) {
      this.publisher = publisher;
```

```
class customer{
```

```
class cart{
      active prod = new boolean[nproducts];
          System.out.println("incorrect size");
```

```
float sum=0;
totalPrice ) {
      this.customerId = Math.abs(customerId);
      this.orderId = Math.abs(orderId);
      this.totalPrice = Math.abs(totalPrice);
      System.out.println("customer id : "+customerId);
      System.out.println("products : ");
           System.out.println(products[i].getName() + " : " +
      System.out.println("total price : "+totalPrice);
```

Name : Abdelrahman Gaber Eldeeb ID : 23012189