```
import javax.swing.*;
int id=input.nextInt();
      Customer customer1= new Customer(id, name, add);
         cart.addProduct(e1);
         cart.addProduct(c1);
         System.out.println("You choosed a wrong number");
      Order order1 = new Order(id, cart.CalculatePrice(), 1, cart.getProducts());
```

```
String name;
   this.price = Math.abs(price);
    this.productid = Math.abs(productid);
   this.price = Math.abs(price);
String brand;
public String getBrand() {
public void setWarrantyperiod(int warrantyperiod) {
   this.warrantyperiod = Math.abs(warrantyperiod);
```

```
brand, int warrantyperiod) {
       super(productid, name, price);
       this.warrantyperiod = Math.abs(warrantyperiod);
class ClothingProduct extends Product{
        super(productid, name, price);
    String author;
    public String getAuthor() {
    public void setAuthor(String author) {
    public void setPublisher(String publisher) {
       this.publisher = publisher;
```

```
public BookProduct(int productid, String name, float price, String
author, String publisher) {
    super(productid, name, price);
    this.author = author;
    this.publisher = publisher;
}
```

```
public class Customer {
        this.customerid = Math.abs(customerid);
        this.customerid = Math.abs(customerid);
```

```
Product[] Products;
    this.custemorid = Math.abs(custemorid);
   this.nProducts = Math.abs(nProducts);
    Products = products;
public void addProduct(Product p) {
   Products[num]=p;
public void removeProduct(Product p) {
        if(Products[i]==p){
       totalprice+=p.getPrice();
```

```
Order o1= new Order (custemorid, totalprice, 1, Products);
public class Order {
    public void setProducts(Product[] products) {
   public Order(int customerid ,float totalprice, int orderid , Product[]
        this.customerid=Math.abs(customerid);
        this.orderid=Math.abs(orderid);
        this.products=products;
```

```
public void printinfo() {
        System.out.println("Customer ID: "+customerid);
        System.out.println("Order ID: "+orderid);
        for (Product p :products) {
            System.out.println(p.getName()+":"+p.getPrice()+"$");
        }
        System.out.println("Total Price : "+totalprice+"$");
    }

//GUI

// public void printinfo() {
        String list="";
        for(int i=0;i<products.length && products[i]!=null;i++) {

//
list+=products[i].getName()+":"+products[i].getPrice()+"$"+"\n";
        }

// JOptionPane.showMessageDialog(null, "Customr ID:
"+customerid+"\n"+"Order ID: "+orderid+"\n"+list+"Total Price:
"+totalprice+"$");

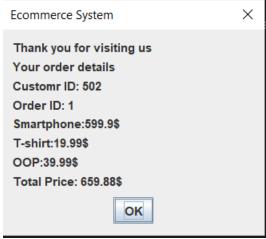
// }

// }
</pre>
```

```
Welcome
1.Smartphone
2.T-shirt
3.00P
Choose the product you want from the above products
1.Smartphone
2.T-shirt
3.00P
Choose the product you want from the above products
1.Smartphone
2.T-shirt
3.00P
Choose the product you want from the above products
If you want to place the order Press 1 else Press 0
Thank you for visiting us
Order ID: 1
Smartphone:599.9$
00P:39.99$
Smartphone:599.9$
Process finished with exit code \boldsymbol{\theta}
```







Done By: Karim Nabil Hassan Mohamed (AI)

ID:23012131