```
import java.util.Scanner;
public class EcommerceSystem {
         Scanner in = new Scanner(System.in);
Product p = new Product();
         Order order = new Order();
         Cart cart = new Cart();
         order.setOrderID(1);
         String name = in.next();
         System.out.println("Please enter your address");
         String address = in.next();
         System.out.println("How many products you want to add to your cart?");
         cart.setNProducts(nProducts);
```

```
cart.addProduct(EP, i);
}else if (select == 2) {
    cart.addProduct(CP,i);
}else if (select == 3) {
    cart.addProduct(BP,i);
}else {
    System.out.println("Invalid response!");
}

System.out.println("Your total is $" + cart.calculatePrice() +"\nDo you want to place an order? 1.Yes 2.No");
int placeOrder = in.nexInt();
if (placeOrder == 1) {
    System.out.println("Here's your order's summary:");
    System.out.println("Here's your order's summary:");
    System.out.println("Customer ID: " + order.getOrderId());
    System.out.println("Customer ID: " + cust.getCustomerID());
    System.out.println("Customer ID: " + cart.calculatePrice());

cart.placeOrder();
    System.out.println("Total price: $" + cart.calculatePrice());

} else if (placeOrder == 2) {
    System.out.println("Total price: $" + cart.calculatePrice());
}
else {
    System.out.println("Thank you for your time!");
} else {
    System.out.println("Invalid response!");
}
}
```

```
© EcommerceSystemjava © Productjava © ElectronicProductjava © CostingProductjava © BookProductjava © Customerjava © Cartjava © Landing Productjava © Customerjava © Cartjava © Landing Productjava © BookProductjava © Cartjava © Landing Productjava © Landing Productj
```

```
public class BookProduct extends Product {
   String Author;
   String Publisher;
   public BookProduct (String name, int ID, float price, String author , String publisher) {
   public void setAuthor (String a){
   public String getAuthor(){
   public void setPublisher (String p){
   public String getPublisher(){
```

```
public class ClothingProduct extends Product {
      String Size;
      String Fabric;
      public ClothingProduct (String name, int ID, float price, String size , String fabric) {
      public void setSize (String s){
      public void setFabric (String f){
      public String getSize(){
      public String getFabric(){
```

```
String Name;
String Address;
   if(ID < 0){
       ID = Math.abs(ID);
public void setName (String n) { this.Name = n; }
public String getName() { return Name; }
public void setAddress (String add) { this.Address = add; }
public String getAddress() { return Address; }
```

```
public class Cart {
   Product[] object;
   public int getCustomerId() { return customerID; }
           np = Math.abs(np);
        this.object = new Product[np];
    public int getNProducts() {
       if(index >= 0 && index < object.length){
           object[index] = pdt;
        }else System.out.println("The cart is full");
    public void removeProduct(Product a) {
```

```
public void removeProduct(Product a) {
    for (int i = 0; i < nProducts; i++) {
        if (object[i] != null && object[i].equals(a)) {
            object[i] = null;
public float calculatePrice() {
    float totalPrice = 0.0f;
   for(int i = 0; i < object.length; i++) {
       if (object[i] != null) {
           totalPrice += object[i].getPrice();
    return totalPrice;
public void placeOrder() {
   for (Product product : object) {
       System.out.println(product.Name);
```

```
2 sages new*
public class Order {
           cID = Math.abs(cID);
           oID = Math.abs(oID);
   public float getOrderId() { return orderID; }
```

```
cID = Math.abs(cID);
oID = Math.abs(oID);
```

```
"C:\Program Files\Java\jdk-19\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2023.1.1\lib\idea_rt.jar=53735:C:\Program Files\JetBrains\Idea_rt.jar=53735:C
Welcome to the E-commerce System!
Please enter your ID
HaneenTarek
Please enter your address
haneenembabe@gmail.com
Which product would you like to add? 1.Smartphone 2.T-shirt 3.00P
Which product would you like to add? 1.Smartphone 2.T-shirt 3.00P
Which product would you like to add? 1.Smartphone 2.T-shirt 3.00P
Your total is $659.88
Here's your order's summary:
Order ID: 1.0
Products:
SmartPhone
T-shirt
Total price: $659.88
Process finished with exit code \theta
```