

```
© Electronic_product java
                                                                                      Clothing_product.java

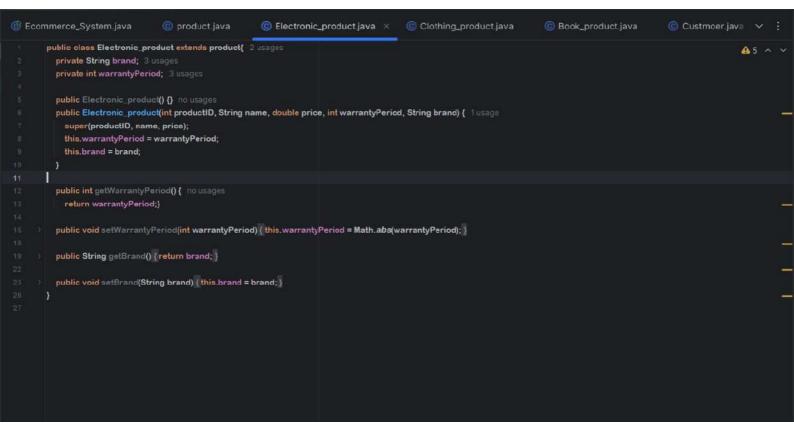
    Book_product.java

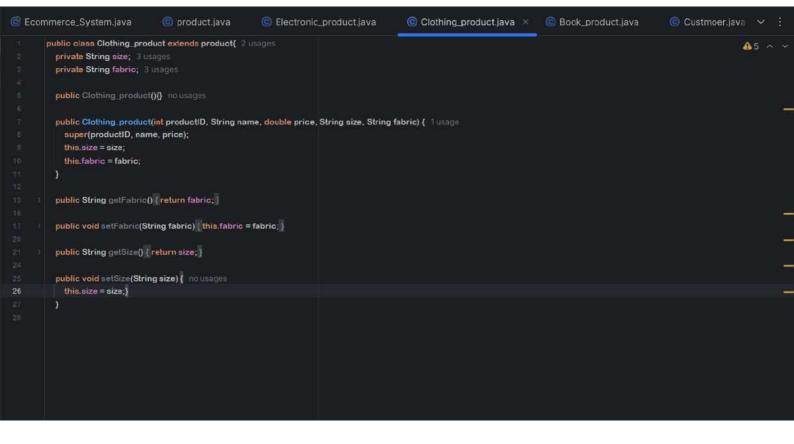
       public class Ecommerce_System {
                                                                                                                                                          ∆1 ±3 ^
          public static void main(String[] args) {
           cart cart1=new cart();
           cart1.setNproducts(nproducts);
           product[] p=new product[cart1.getNproducts()];
          cart1.setProuducts(p);
          cart1.setCustomerID(custmoer1.getCustomerID());
       for(int j=0;j<nproducts;j++){
         int choice= Integer.parseInt( JOptionPane.showInputDialog ("which product you want to add to your cart? 1-smart phone, 2-t-shirt, 3-harry potter book"));
         switch (choice){
            cart1.getProuducts()[j]=device1;
            cart1.getProuducts()[j]=clothes;
            break;
            cart1.getProuducts()[j]=book1;
           default:
             JOptionPane.showMessageDialog( parentComponent: null, message: "invalid");
```

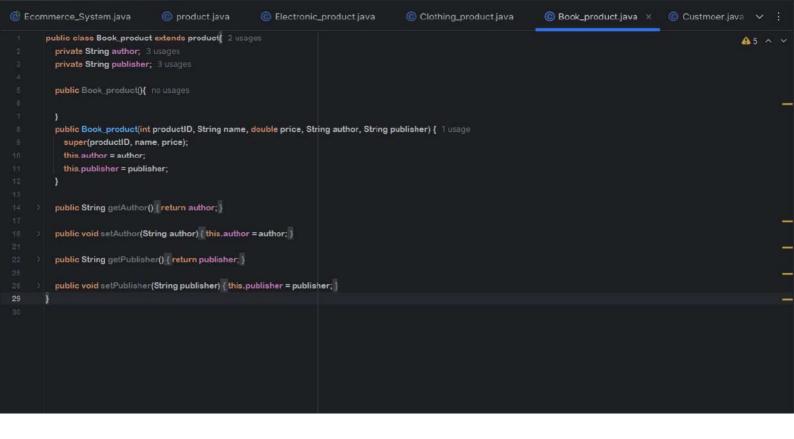
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case 1:
    cart1.getProuducts()[j]=device1:
    #another solution by add method
    break;
    case 2:
    cart1.getProuducts()[j]=clothes;
    #another solution by add method
    break;
    case 3:
    cart1.getProuducts()[j]=clothes);
    break;
    case 3:
    cart1.getProuducts()[j]=book1;
    #another solution by add method
    break;
    case 3:
    cart1.getProuducts()[j]=book1;
    #another solution by add method
    break;
    case 3:
    cart1.getProuducts()[j]=book1;
    #another solution by add method
    break;
    dead;
    dead;
    dead product(j,device1);
    break;
    default:
    JOptionPane.showMessageDialog( parentComponent null, message: "Invalid");
}

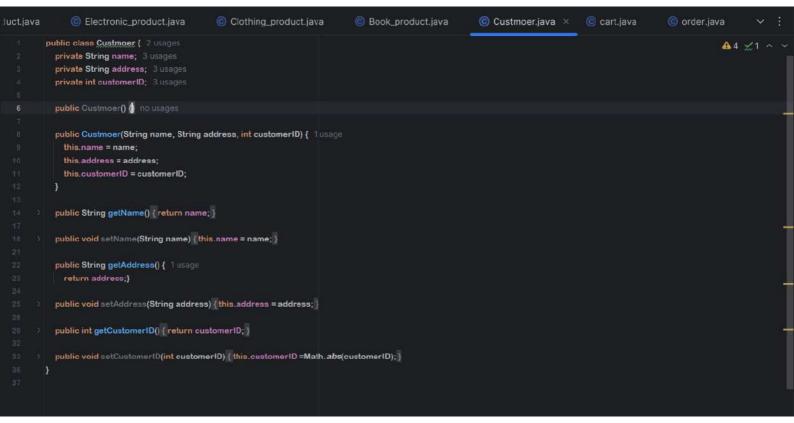
JOptionPane.showMessageDialog ( parentComponent null, message: "your total is"+ cart1.calculatePrice());
int num= Integer.parseInt( JOptionPane.showInputDialog("Would you like to place the order? 1- yss , 2-No"));
    cart1.place_order(num);
})
```

switch (choice){









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© Electronic_product.java
                                       Clothing_product.java
                                                                        Book_product.java
                                                                                                     Custmoer.java
                                                                                                                              ⊚ cart.java ×
import javax.swing.JOptionPane,
                                                                                                                                                              ∆6 ±7 ^ \
public class cart { 2 usage
  private int CustomerID; 3 usages
  private product[] products; 6 usages
  public cart() { 1 usage
  public void setProuducts(product[] prouducts) { 1 usage
    this.products=new product[nproducts];
  public product[] getProuducts() { return products, }
  public int getCustomerID() { return CustomerID; }
  public void setCustomerID(int customerID) { this.CustomerID =Math.abs(CustomerID); }
  public int getNproducts() ( return nproducts; )
  public void setNproducts(int nproducts) { 1 usage
    this.nproducts = Math.abs(nproducts);
```

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© Electronic_product.java
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                                                                                                        Custmoer.java
                                                                                                                                  cart.java ×
                                                                                                                                                      order.java
                                                                                                                                                                   ∆6 ±7 ~ ~ .
public double calculatePrice() { 2 usages
 double total_price=0;
  for(product i:products){
   if(i!=null){
    total_price+= i.getPrice();
  return total_price; }
public void Add_product(int i,product product)( no usages
  products[i]=product;
public void Remove_product(int i,product product){ no usages
 products[i]=null;
public void place_order(int num){ 1 usage order o1=new order{ customerID: 23011585, orderID: 1,oaloulatePrice(),products);
switch (num){
   JOptionPane.showMessageDialog( parentComponent: null, ("Here's your order summary:"));
 o1.printOrderInfo();
case 2:
  JOptionPane.showMessageDialog( parentComponent null, ("ok thank you"));
```

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Electronic_product.java
                                       Clothing_product.java
                                                                       Book_product.java
                                                                                                    Custmoer.java
                                                                                                                             cart.java
                                                                                                                                                © order.java × ∨ :
import javax swing JOptionPane;
public class order { 2 usages
 private int customerID; 2 usages
 private double totalPrice; 2 usages
 private product [] prouducts; 2 usages
  public order() {} no usages
  public order(int customerID, int orderID, double totalPrice, product[] prouducts) { 1 usage
   this.orderID = orderID;
   this totalPrice = totalPrice;
   this.prouducts = prouducts;}
    JOptionPane.showMessageDialog( parentComponent: null, ("customer ID is: " + customerID));
   JOptionPane.showMessageDialog( parentComponent: null, ("order ID is: " + orderID));
    JOptionPane.showMessageDialog( parentComponent null, (i.getName() + " is " + i.getPrice() + " $"));
    JOptionPane.showMessageDialog( parentComponent: null, ("total price is: " + totalPrice));
33
```