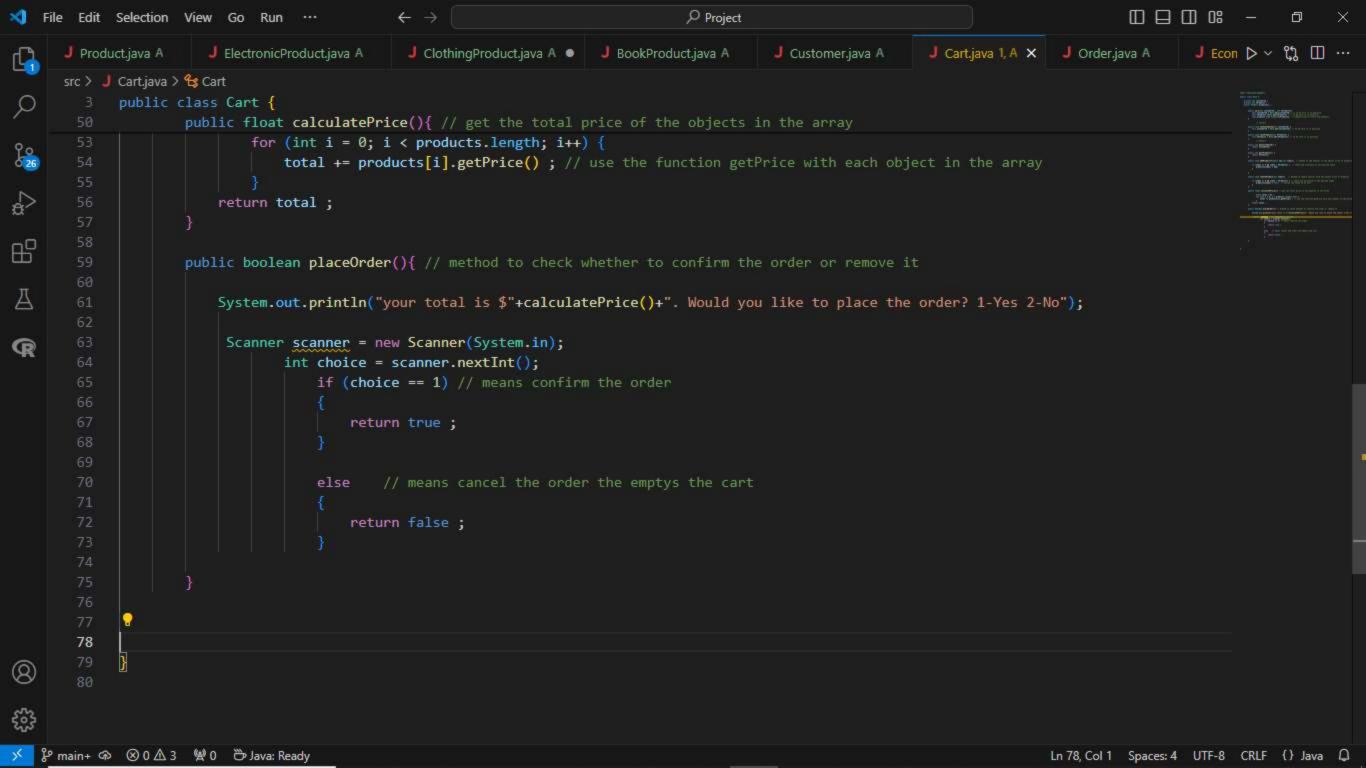


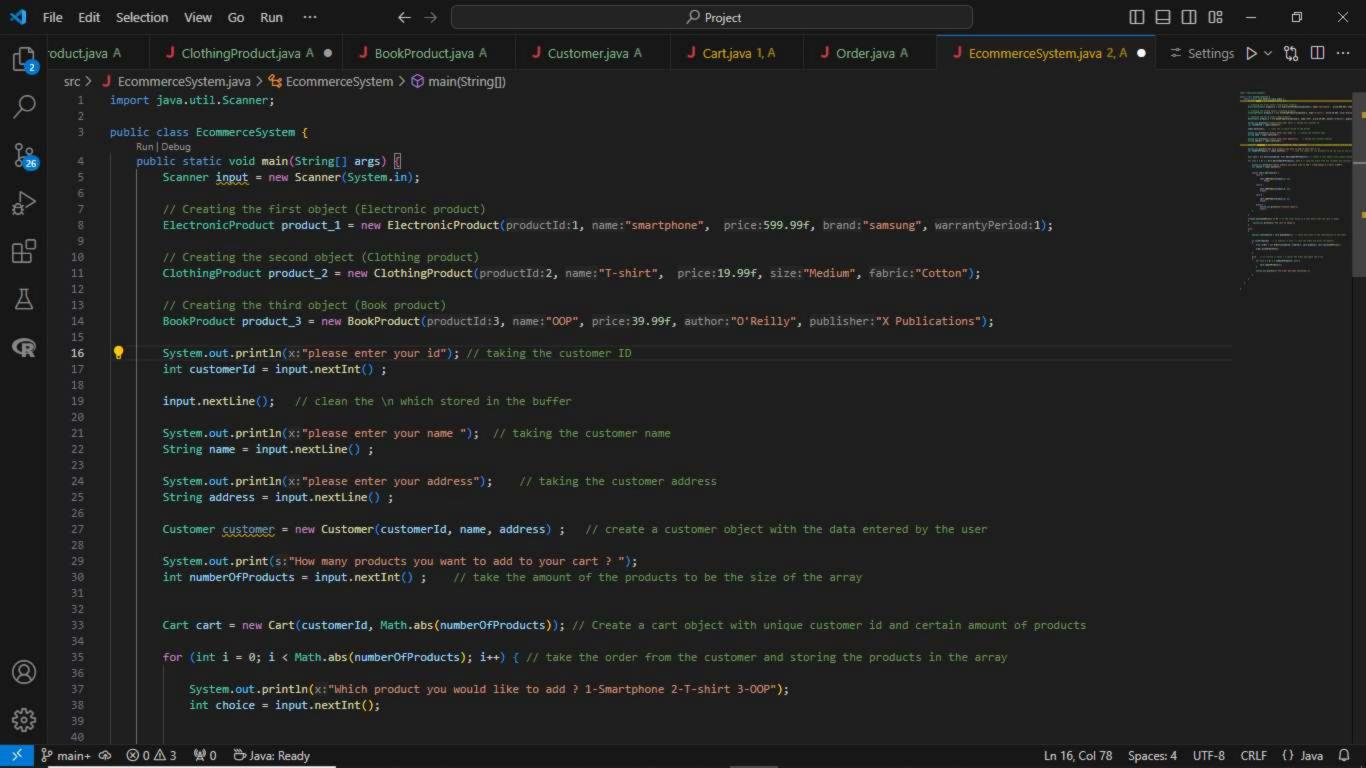
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Project
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                                                \leftarrow \rightarrow
                                                                                                                   J Cart.java 1, A X J Order.java A
      Product java A
                        ElectronicProduct.java A
                                                 ClothingProduct.java A •
                                                                         BookProduct.java A
                                                                                               Customer.java A
                                                                                                                                                    J Econ D ~ th
                                                                                                                                                                  III ...
      src > J Cart.java > 😭 Cart > 🕥 placeOrder()
             public class Cart {
Q
                     public int getnProducts() {
                          return nProducts;
$
                     public void addProduct(Product obj,int index){ // method to add objects to the object array of products
出
                          if (index >= 0 && index < nProducts) { // check the existence of the desired index
                              products[index] = obj;
A
R
                     public void removeProduct(int index){ // method to remove objects from the object array of products
                          if (index >= 0 && index < nProducts) { // check the existence of the desired index
                              products[index] = null; // assign the value to be null
                     public float calculatePrice(){ // get the total price of the objects in the array
                              float total = 0f;
                              for (int i = 0; i < products.length; i++) {
                                  total += products[i].getPrice(); // use the function getPrice with each object in the array
                          return total;
                     public boolean placeOrder(){ // method to check whether to confirm the order or remove it
   🎖 main+ 🏟 🛇 0 🛦 3 🙀 0 📛 Java: Ready
                                                                                                                                 Ln 61, Col 48 Spaces: 4 UTF-8 CRLF {} Java Q
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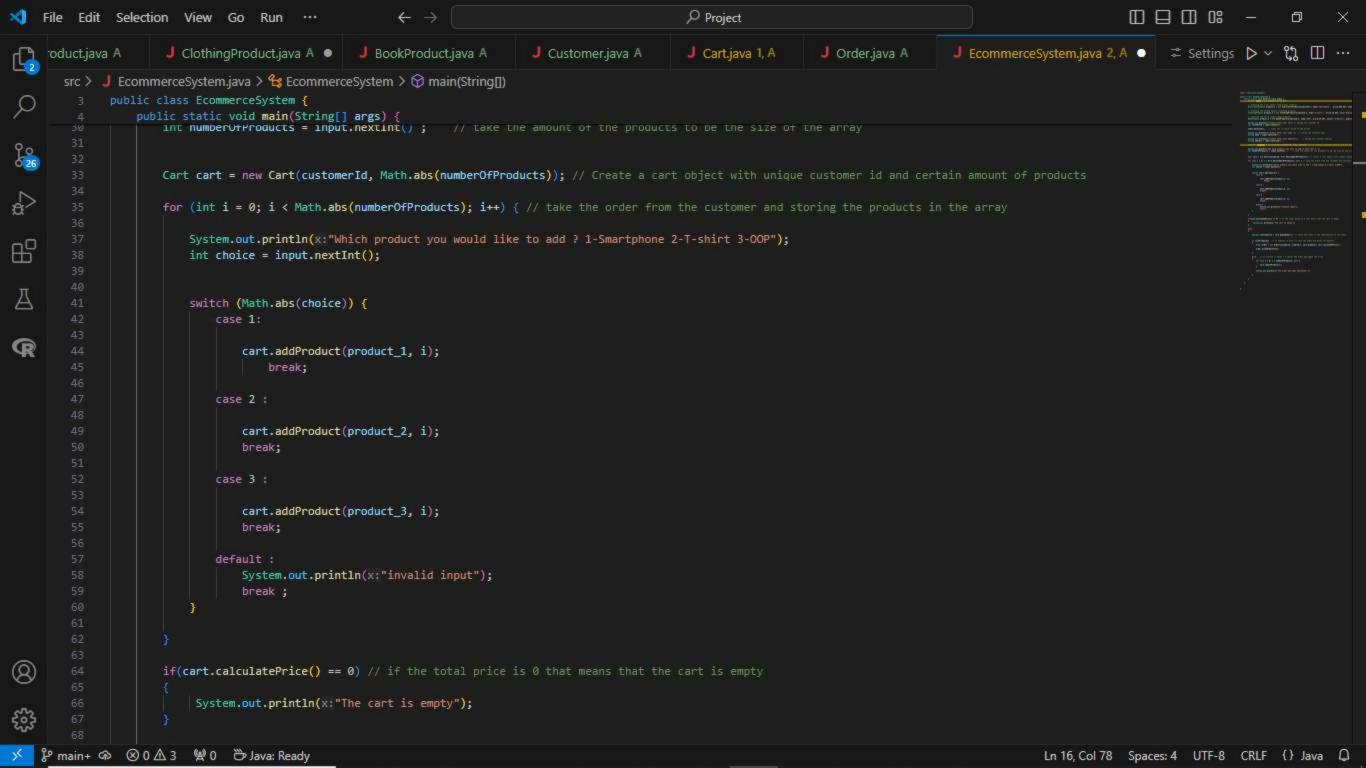


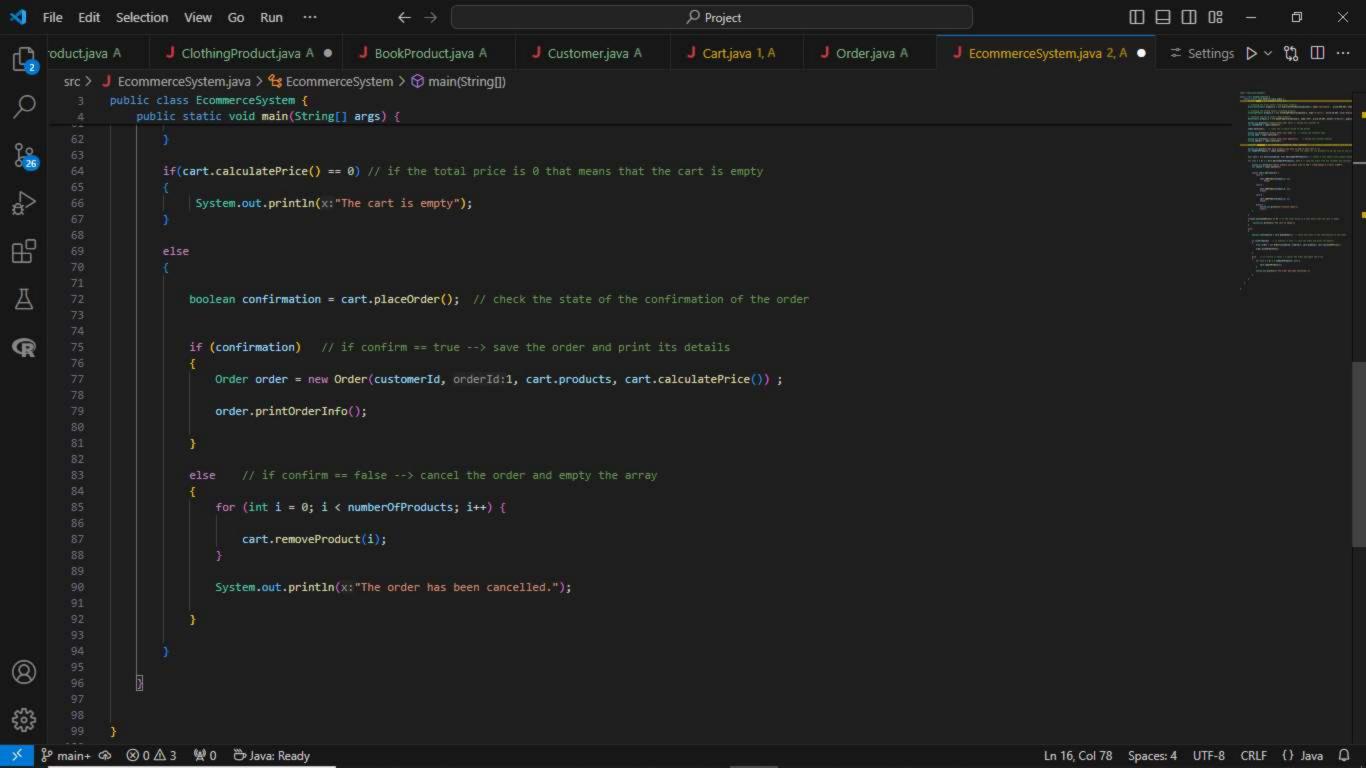
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Project
                                                                                                                                         File Edit Selection View Go Run …

    ■ ElectronicProduct.java A

                                                ClothingProduct.java A •
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                                                                                                                                 J Order java A × J Econ ▷ ∨ ኒኒ 🏻 …
      Product.java A
                                                                                             Customer.java A
      src > 🔰 Order.java > ...
             public class Order {
Q
                 private int customerId;
                 private int orderId ;
                 private Product products[];
$
                 private float totalPrice;
                     public Order(int customerId , int orderId ,Product[] product , float totalPrice) {
出
                         this.customerId = Math.abs(customerId); // to be sure it is positive
Д
                         this.orderId = Math.abs(orderId) . // to be sume it is necitive
        11
                                                      float totalPrice - Order.Order(int, int, Product[], float)
                         this.products = product;
        12
                         this.totalPrice = Math.abs(totalPrice); // to be sure it is positive
R
                    public void printOrderInfo(){
                         System.out.println(x:"Here's your order's summary:");
                         System.out.println("Order ID : "+this.orderId);
                         System.out.println("Customer ID : "+this.customerId);
        21
                           System.out.println(x:"products : ");
                         for (int i = 0; i < products.length; i++) { // print the name and the price of each product in the object array
                             System.out.println(products[i].getName()+" - "+products[i].getPrice());
                          this.totalPrice = Of ; // intialize it to be able to change its value
                         for (int i = 0; i < products.length; i++) {
                             this.totalPrice += products[i].getPrice(); // use the function getPrice to access the price of each product
5
                         System.out.println("Total price : $"+this.totalPrice);
   🎖 main+ 🏟 🔘 0 🛆 3 🕍 0 🗁 Java: Ready
                                                                                                                               Ln 38, Col 1 Spaces: 4 UTF-8 CRLF {} Java Q
```







```
please enter your id
23011631
please enter your name
"Youssef Gad '
please enter your address
How many products you want to add to your cart? 4
Which product you would like to add ? 1-Smartphone 2-T-shirt 3-00P
1
Which product you would like to add ? 1-Smartphone 2-T-shirt 3-00P
Which product you would like to add ? 1-Smartphone 2-T-shirt 3-00P
Which product you would like to add ? 1-Smartphone 2-T-shirt 3-00P
your total is $679.95996. Would you like to place the order? 1-Yes 2-No
Here's your order's summary :
Order ID: 1
Customer ID: 23011631
products:
smartphone - 599.99
T-shirt - 19.99
OOP - 39.99
T-shirt - 19.99
Total price : $679.95996
```