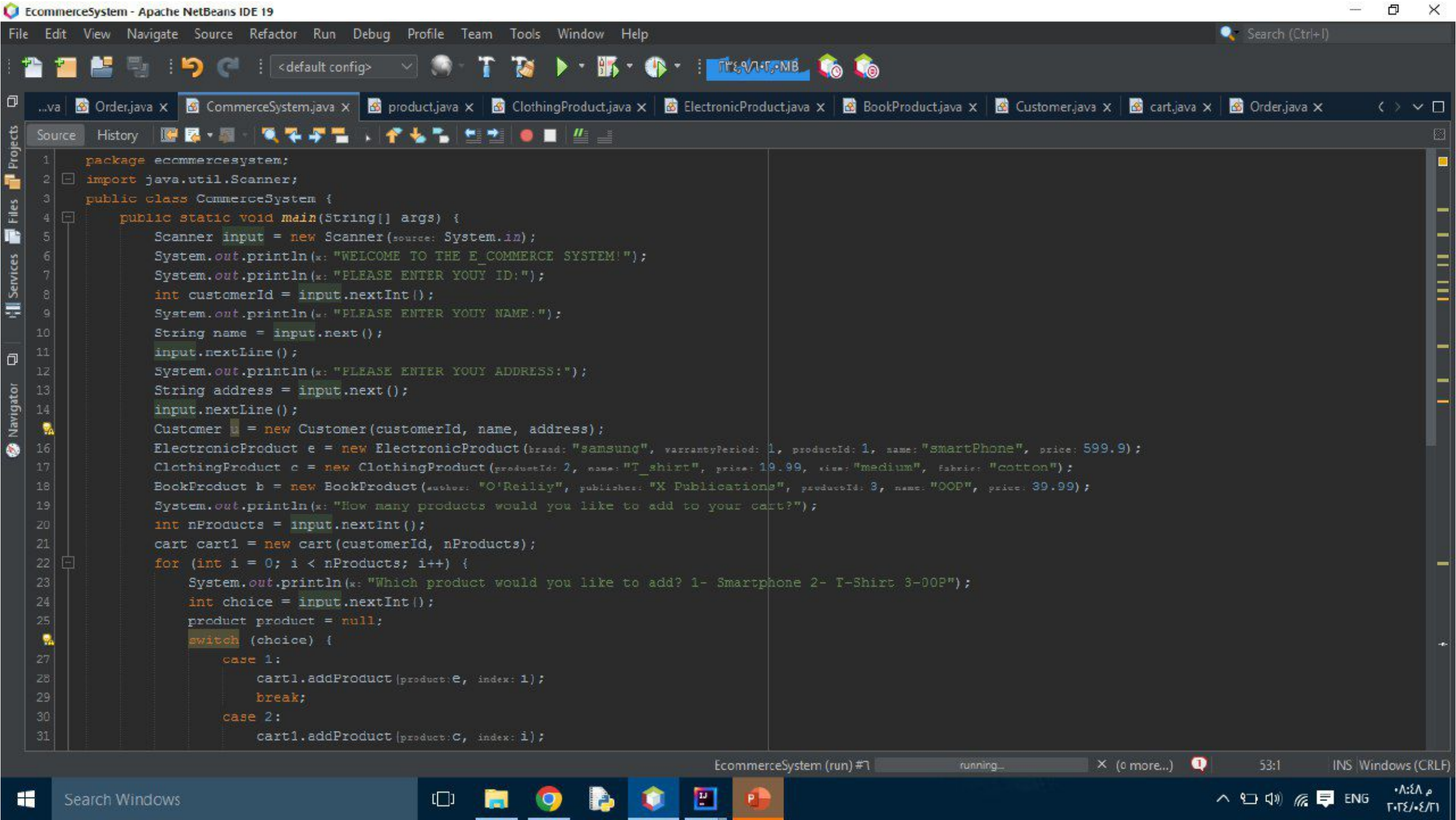
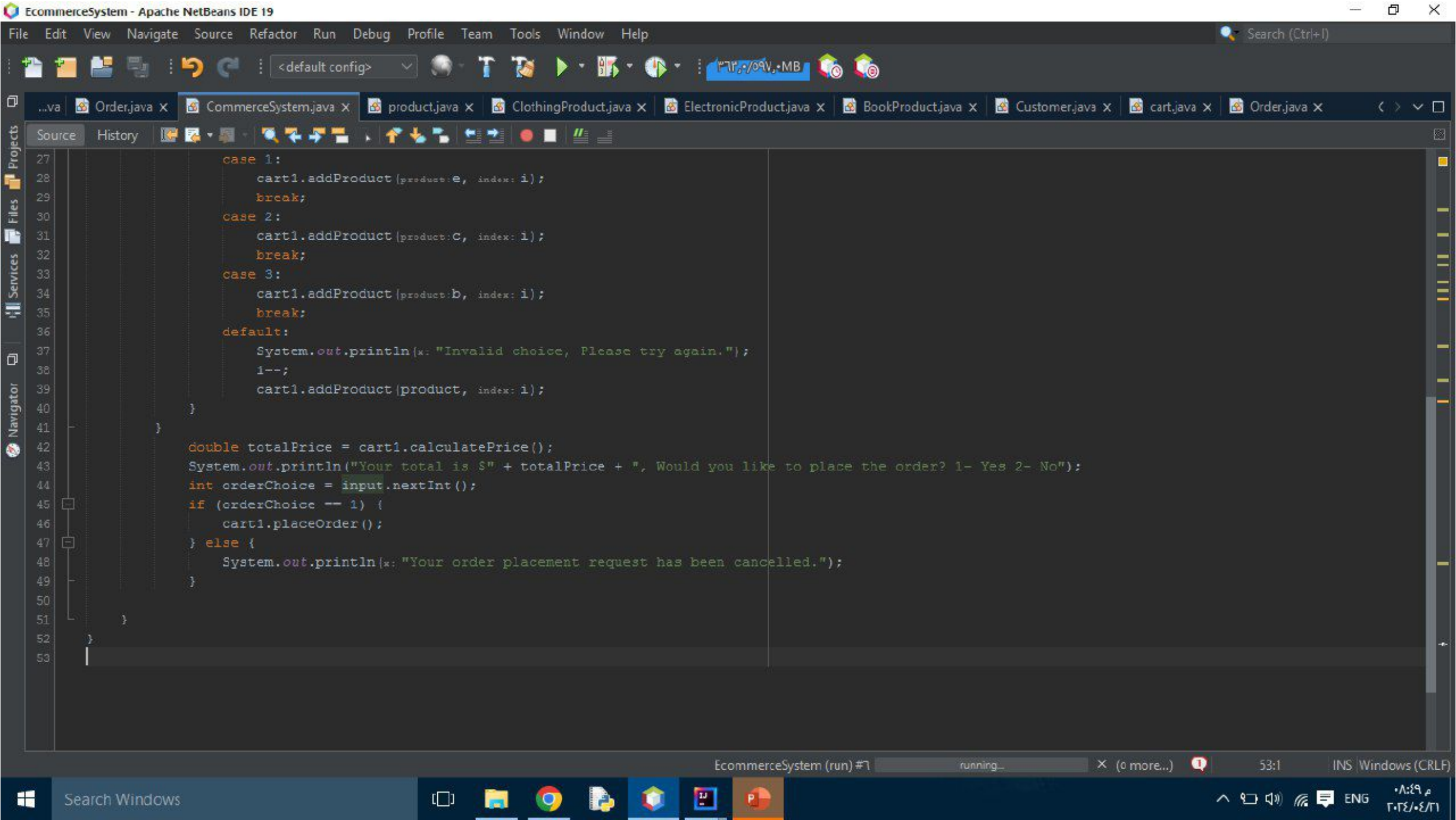
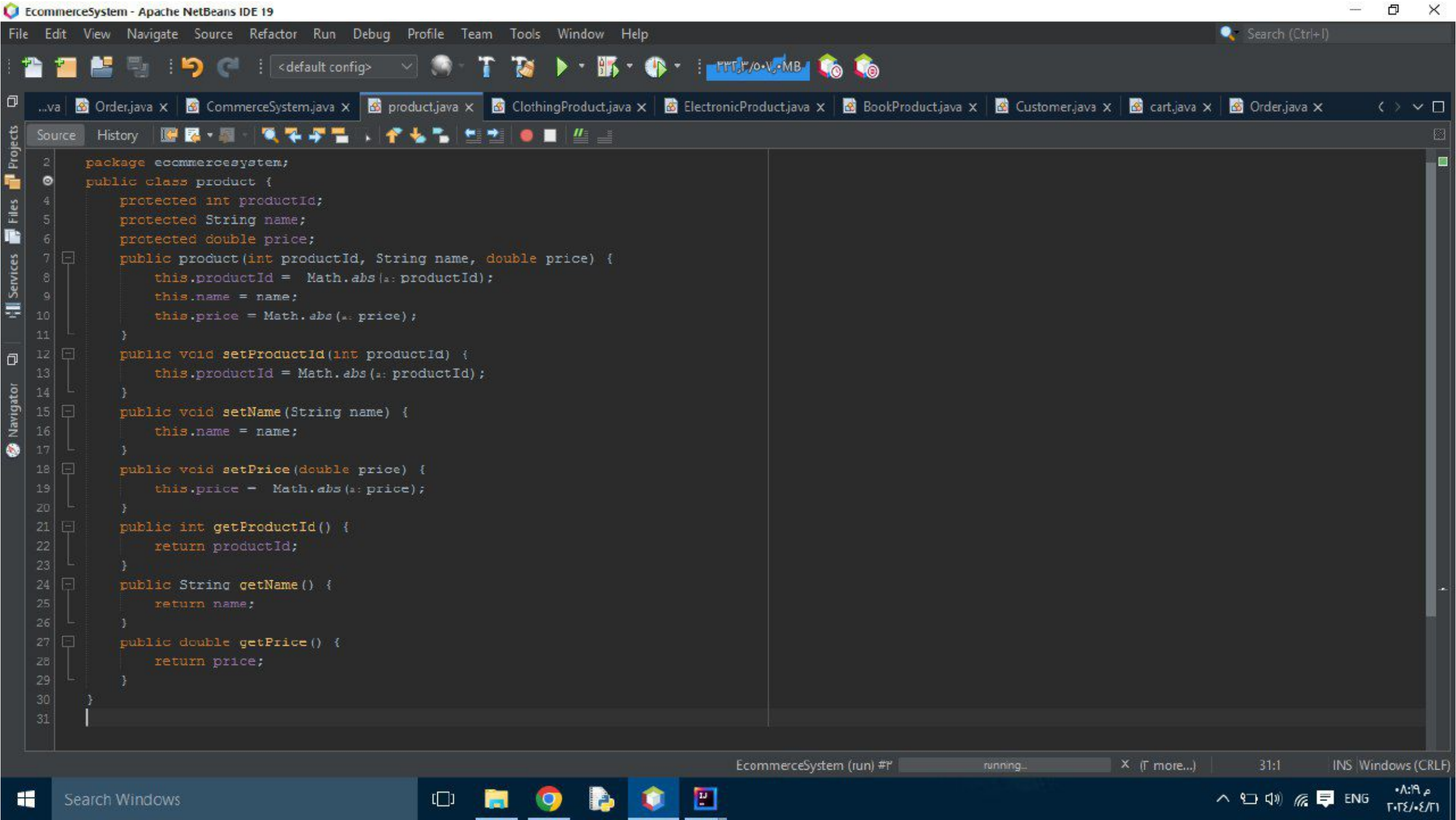


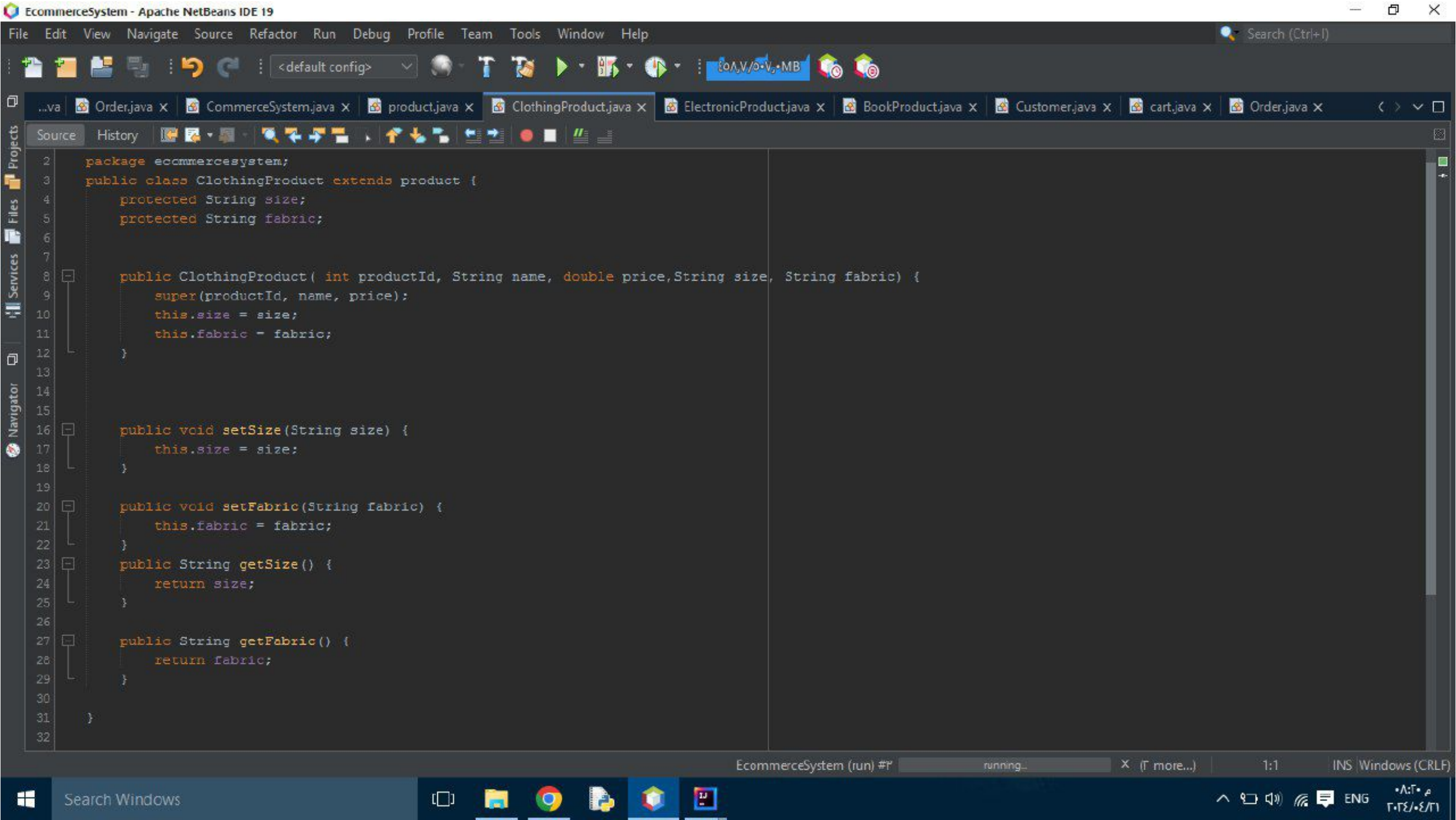
الاسم : نور حسام محمد فهمي
عبد الحافظ

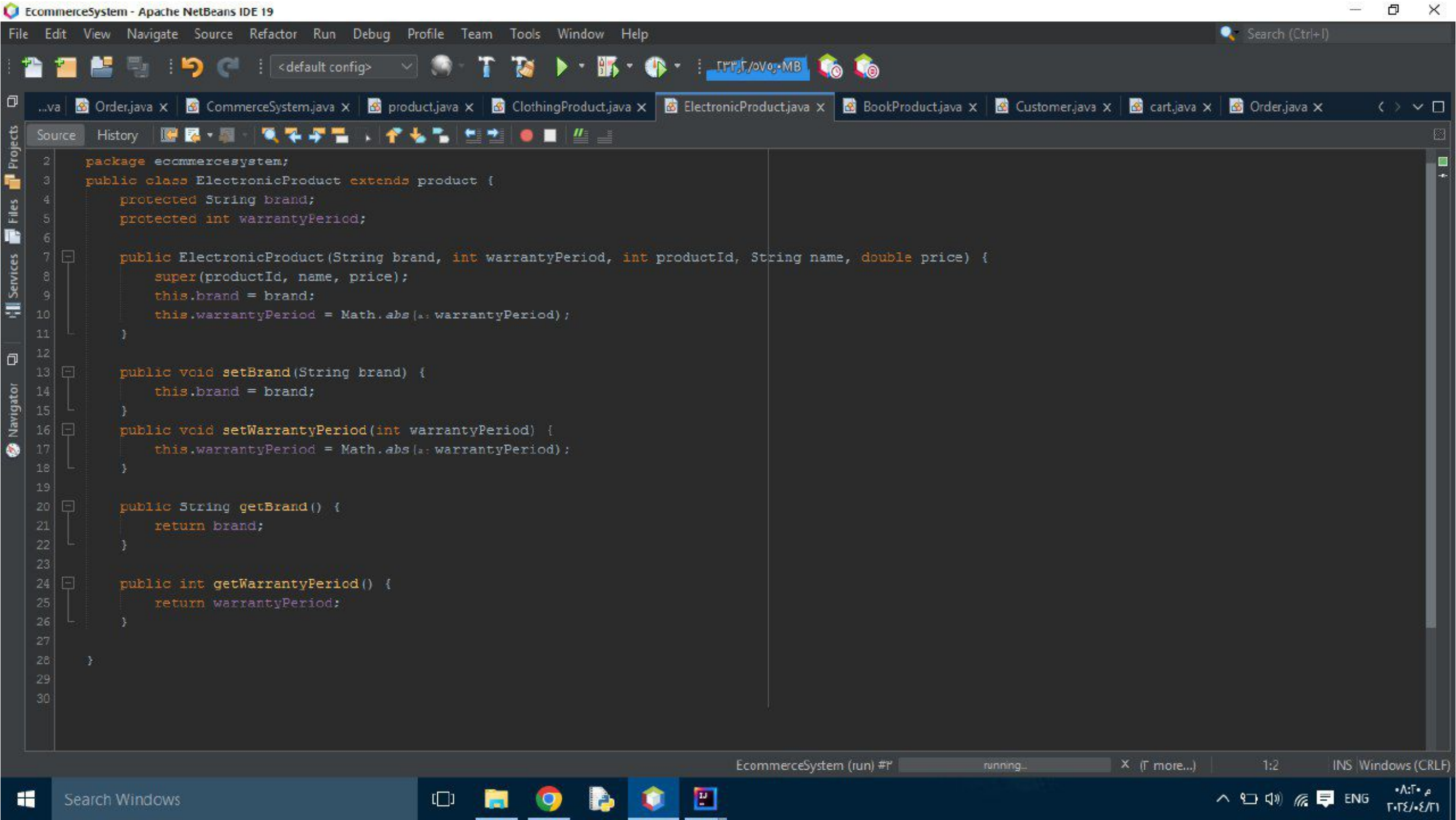
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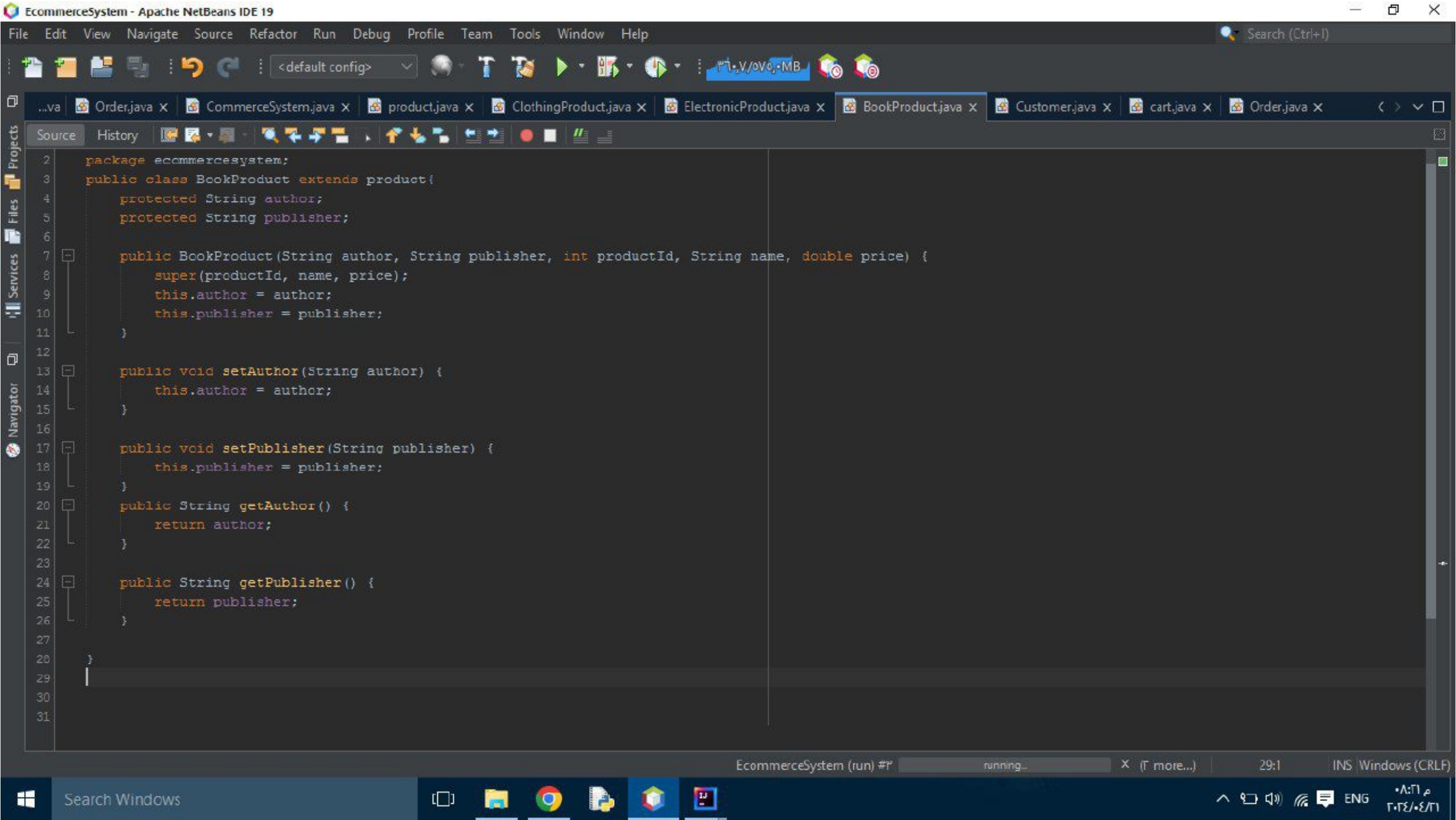


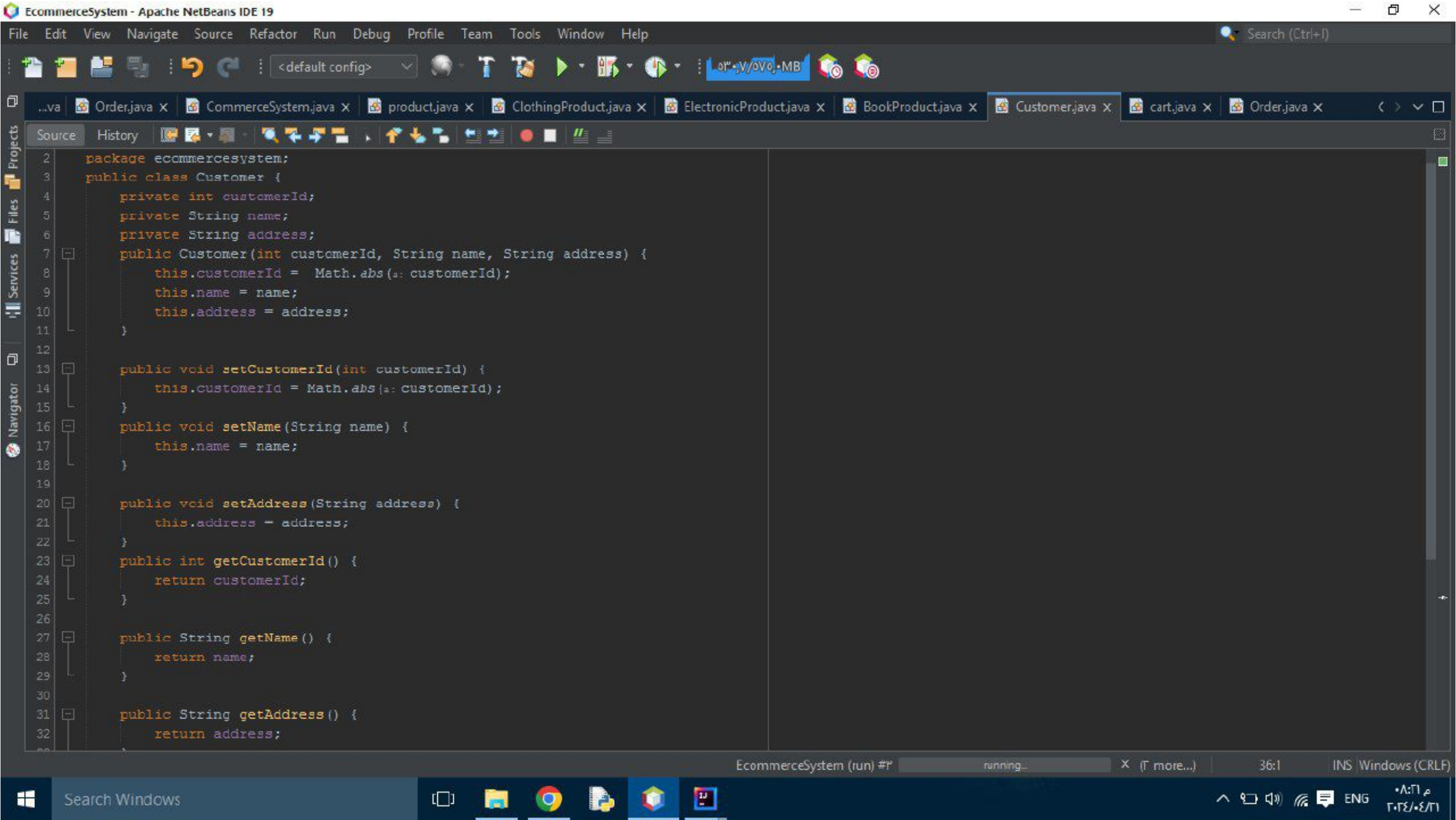














...va Order.java x CommerceSystem.java x product.java x ClothingProduct.java x ElectronicProduct.java x BookProduct.java x Customer.java x cart.java x Order.java x

Source History

```
2 package ecommerceSystem;
3 public class cart {
4     private int customerId;
5     private int nProducts;
6     private product[] products;
7
8     public cart(int customerId, int nProducts) {
9         this.customerId = Math.abs(customerId);
10        this.nProducts = Math.abs(nProducts);
11        this.products = new product[nProducts];
12    }
13
14    public void setCustomerId(int customerId) {
15        this.customerId = Math.abs(customerId);
16    }
17
18    public void setnProducts(int nProducts) {
19        this.nProducts = Math.abs(nProducts);
20    }
21
22    public void setProducts(product[] products) {
23        this.products = products;
24    }
25
26    public int getCustomerId() {
27        return customerId;
28    }
29
30    public int getnProducts() {
31        return nProducts;
32    }
33 }
```

EcommerceSystem (run) #1 running... 1:1 INS Windows (CRLF)



...va Order.java x CommerceSystem.java x product.java x ClothingProduct.java x ElectronicProduct.java x BookProduct.java x Customer.java x cart.java x Order.java x

Source History

```
34 public product[] getProducts() {  
35     return products; }  
36 public void addProduct(product product, int index) {  
37     if (index >= 0 && index < nProducts) {  
38         products[index] = product;  
39     } else {  
40         System.out.println(x: "Invalid index."); } }  
41 public void removeProduct(int index) {  
42     if (index >= 0 && index < nProducts) {  
43         products[index] = null;  
44     } else {  
45         System.out.println(x: "Invalid index.");  
46     }  
47 }  
48  
49 public double calculatePrice() {  
50     double totalPrice = 0;  
51     for (product product:products) {  
52         if (product != null) {  
53             totalPrice += product.getPrice();  
54         }  
55     }  
56     return totalPrice;  
57 }  
58  
59 public void placeOrder() {  
60     System.out.println(x: " HERE IS YOUR ORDER'S SUMMARY:");  
61     Order order=new Order(customerId, orderId:1, products, (float) calculatePrice());  
62     order.printOrderInfo();  
63 }  
64 }
```

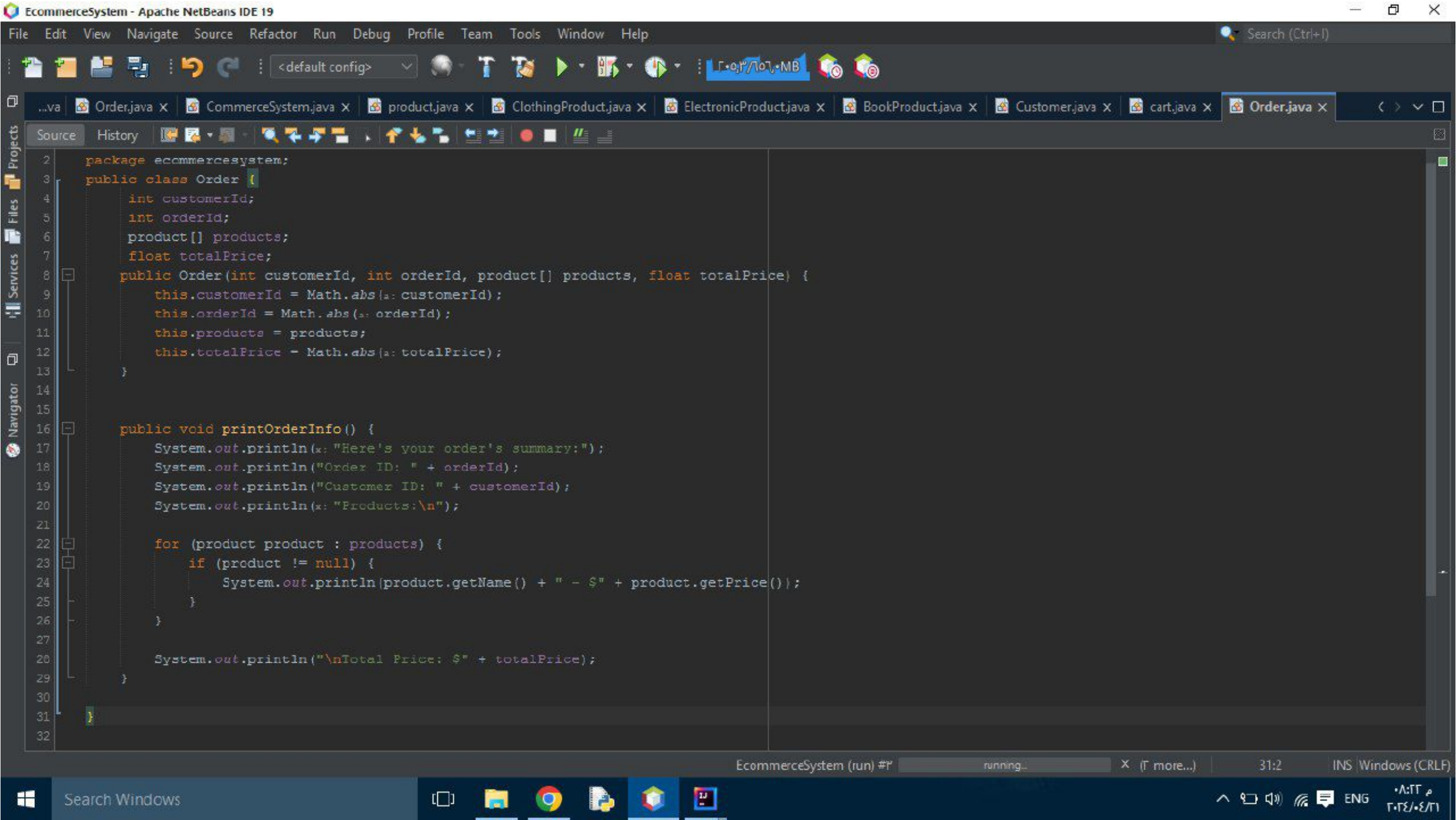
EcommerceSystem (run) #1

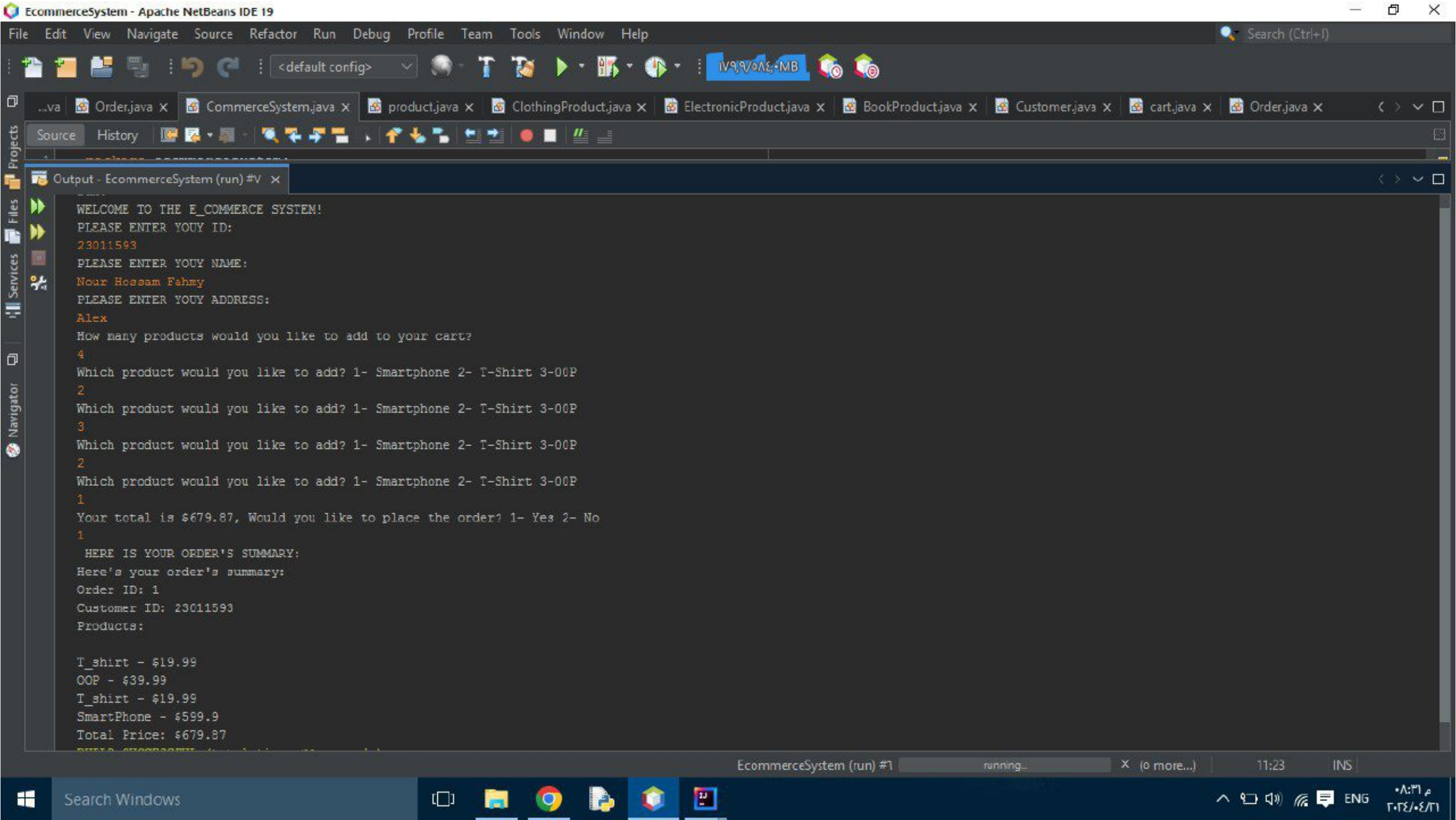
running...

X (more...)

1:1

INS Windows (CRLF)







GUI



...va Customer.java × Cart.java × Order.java × Ecomercesystem.java × product.java × ElectronicProduct.java × ClothingProduct.java × BookProduct.java × Customer.java × cart.java × Order.java ×

Source History

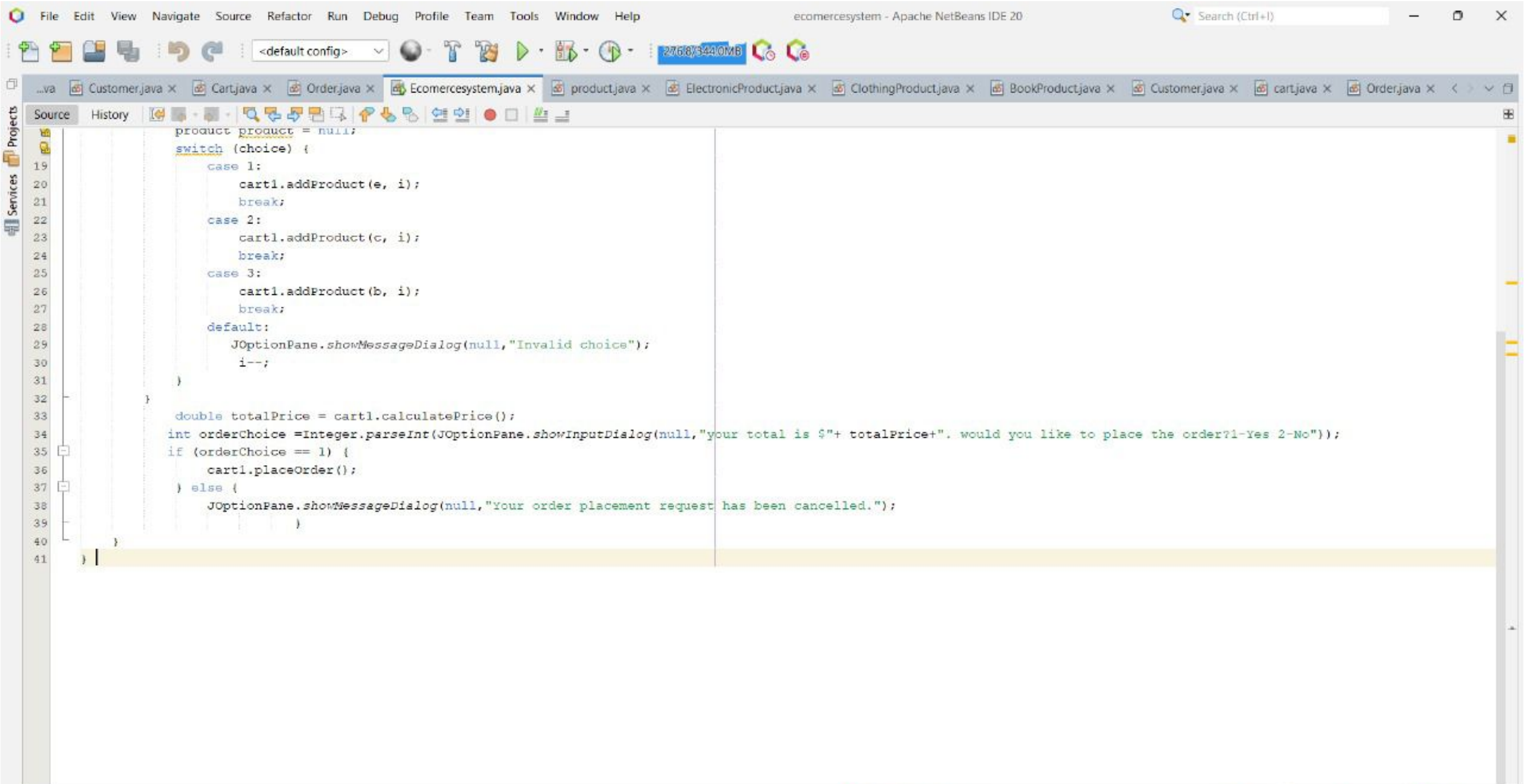
```
1 package com.mycompany.ecomercsystem;
2 import javax.swing.JOptionPane;
3 public class Ecomercesystem {
4     public static void main(String[] args) {
5         JOptionPane.showMessageDialog(null, "Welcome to the E-commerce System!");
6         int customerId = Integer.parseInt(JOptionPane.showInputDialog("please enter your ID"));
7         String name= JOptionPane.showInputDialog("please enter your name");
8         String address= JOptionPane.showInputDialog("please enter your address");
9         ElectronicProduct e = new ElectronicProduct(1, "samsung", 599.99, "smartPhone", 1);
10        ClothingProduct c = new ClothingProduct(2, "T-shirt", 19.99, "medium", "cotton");
11        BookProduct b= new BookProduct(3, "x publications", 39.99, "O'Reilly", "oop");
12        Customer u = new Customer(customerId, name, address);
13        int nProducts= Integer.parseInt(JOptionPane.showInputDialog("How many products do you want to add to your cart?"));
14        cart cart1 = new cart(customerId, nProducts);
15        for (int i = 0; i < nProducts; i++) {
16            int choice= Integer.parseInt(JOptionPane.showInputDialog("Which product would you like to add? 1-smartphone 2- T-shirt 3-oop"));
17            product product = null;
18            switch (choice) {
19                case 1:
20                    cart1.addProduct(e, i);
21                    break;
22                case 2:
23                    cart1.addProduct(c, i);
24                    break;
25                case 3:
26                    cart1.addProduct(b, i);
27                    break;
28                default:
29                    JOptionPane.showMessageDialog(null, "Invalid choice");
30                    i--;
31            }
32        }
33        double totalPrice = cart1.calculatePrice();
34        int orderChoice =Integer.parseInt(JOptionPane.showInputDialog(null, "your total is $" + totalPrice+ ". would you like to place the order?1-Yes 2-No"));
35        if (orderChoice == 1) {
36            cart1.placeOrder();
37        } else {
```

Run (E-Commerce_System)

× (4 more...)

41:3

INS Unix (LF)



Run (E-Commerce_System)

X (4 more...)

41:3

INS Unix (LF)

```

1 package com.mycompany.ecomercesystem;
2 import javax.swing.*;
3 public class Order {
4     int customerId;
5     int orderId;
6     product[] products;
7     float totalPrice;
8     public Order(int customerId, int orderId, product[] products, float totalPrice) {
9         this.customerId = Math.abs(customerId);
10        this.orderId = Math.abs(orderId);
11        this.products = products;
12        this.totalPrice = Math.abs(totalPrice);
13    }
14    public void printOrderInfo() {
15        JOptionPane.showMessageDialog(null, "Here's your order's summary:\n");
16        JOptionPane.showMessageDialog(null, "Order ID: " + orderId + "\n");
17        JOptionPane.showMessageDialog(null, "Customer ID: " + customerId + "\n");
18        JOptionPane.showMessageDialog(null, "Products:\n");
19        for (product product : products) {
20            if (product != null) {
21                JOptionPane.showMessageDialog(null, "" + product.getName() + " - $" + product.getPrice());
22            }
23        }
24        JOptionPane.showMessageDialog(null, "Total price: $" + totalPrice);
25    }
26 }

```

ecommerceystem ---

Drive\Documents\NetBeansProjects\ecommerceystem\src\main\resources

ecommerceystem ---



amente\NetBeansProjects\ecommerce\src\main\resources

Input

 please enter your ID

23011593

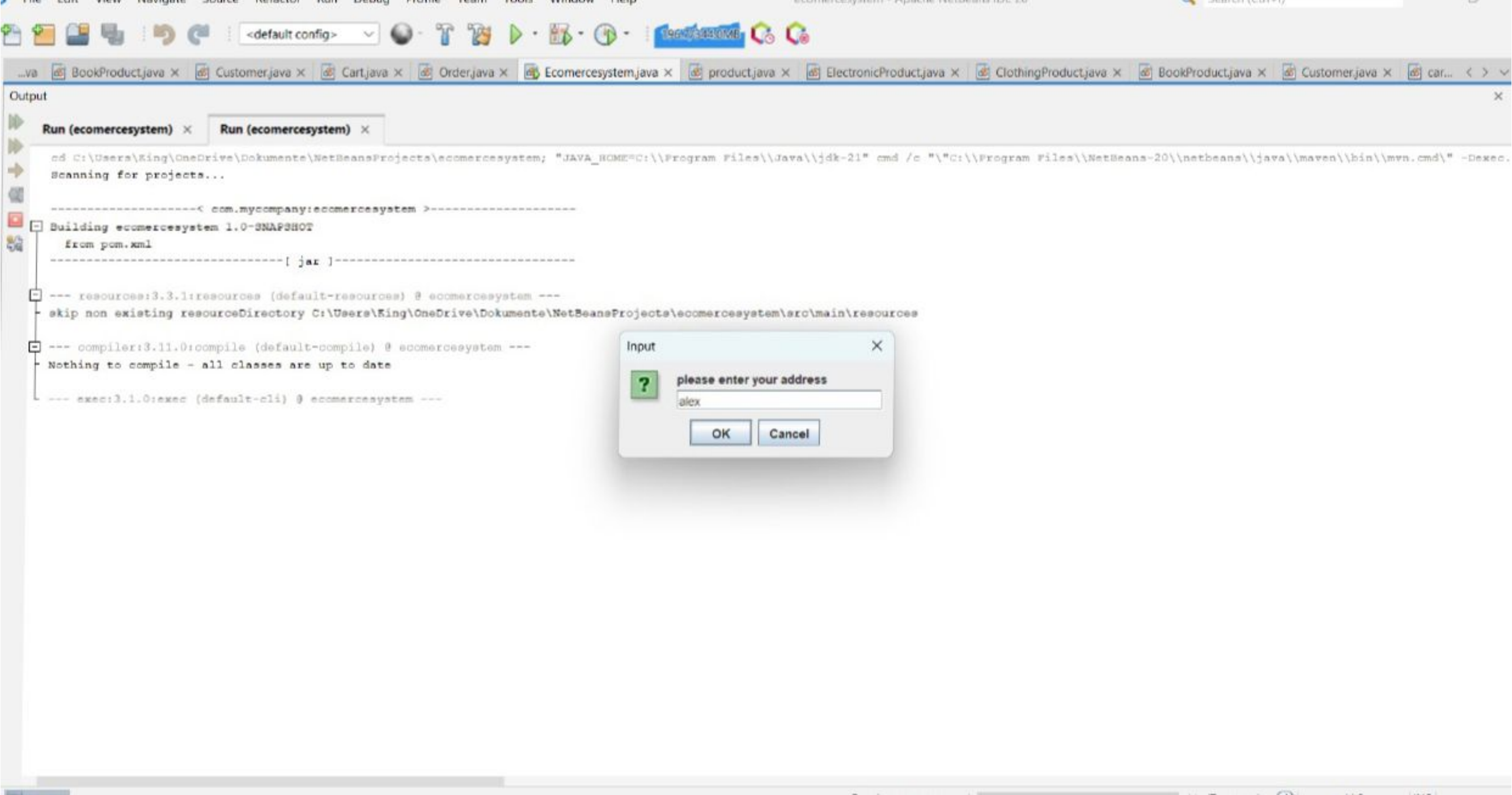
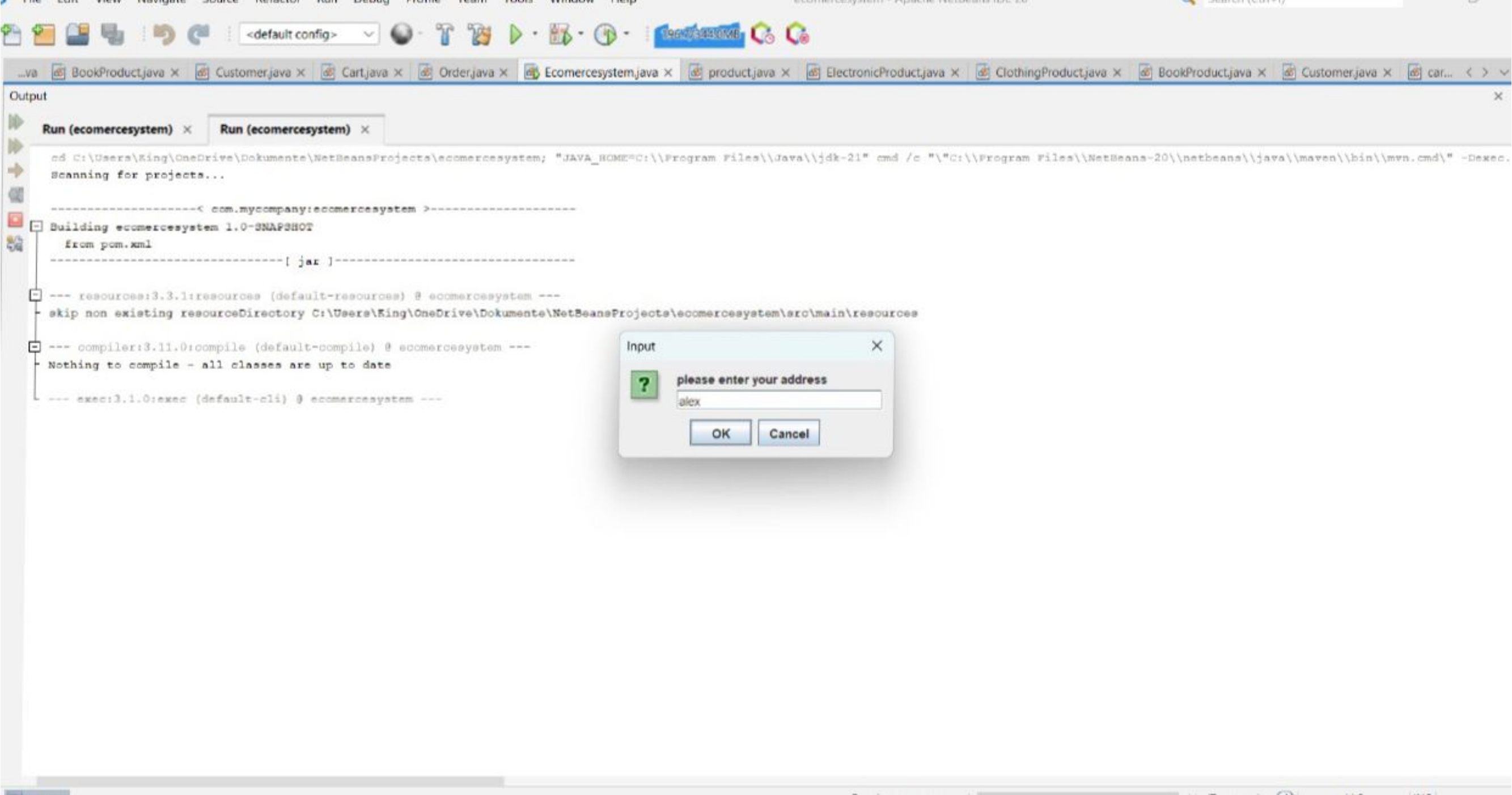
OK Cancel

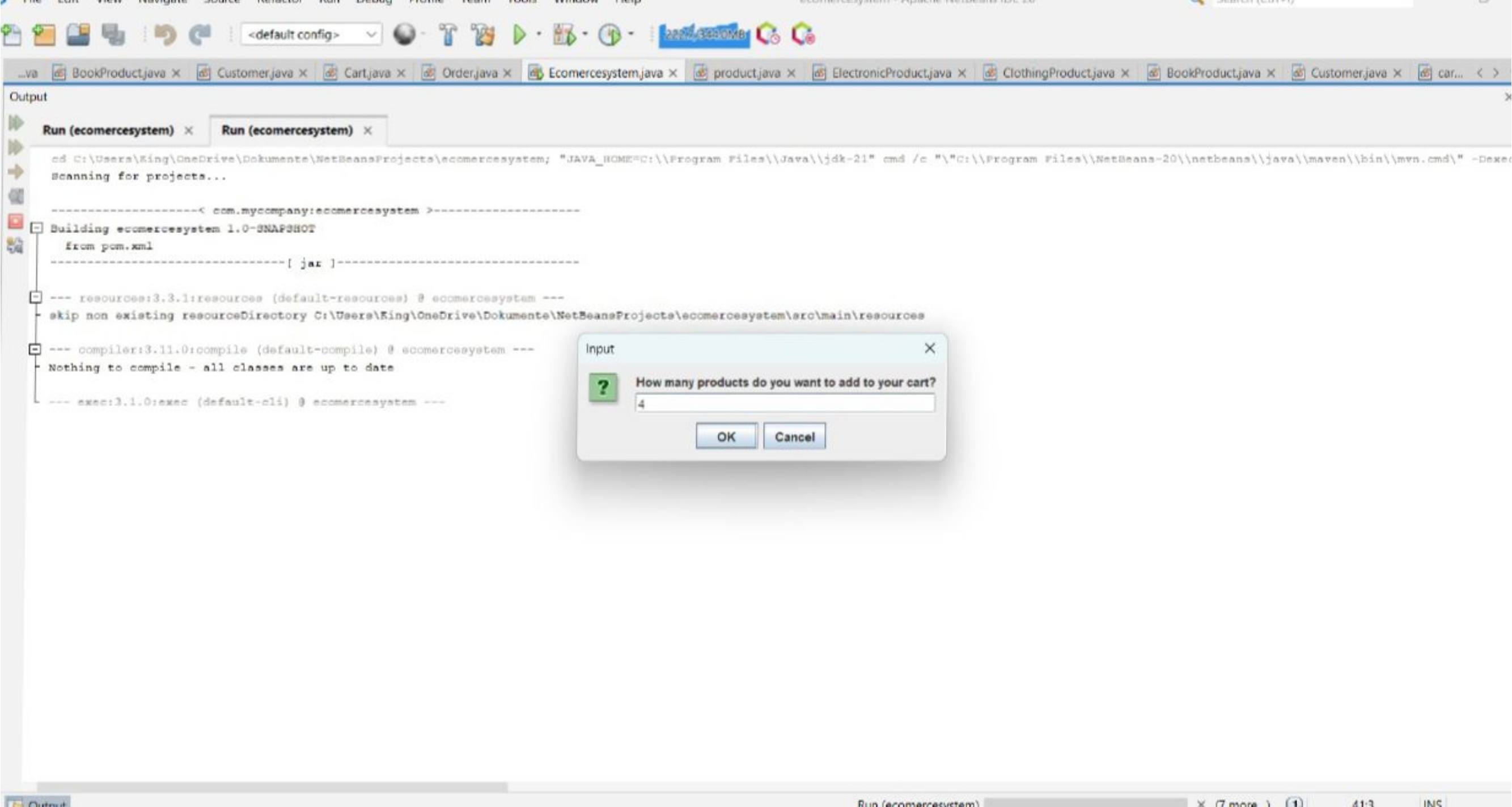
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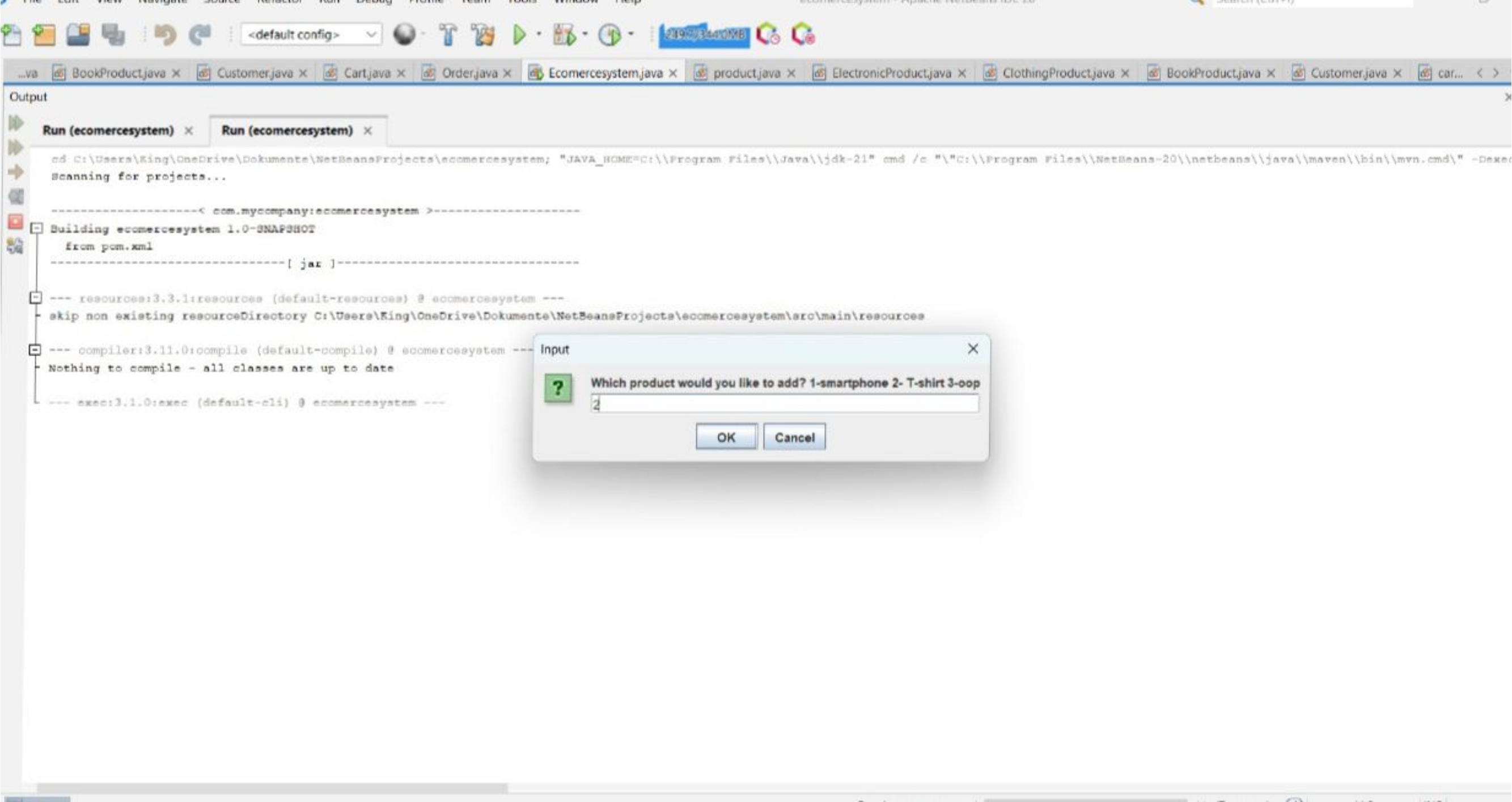
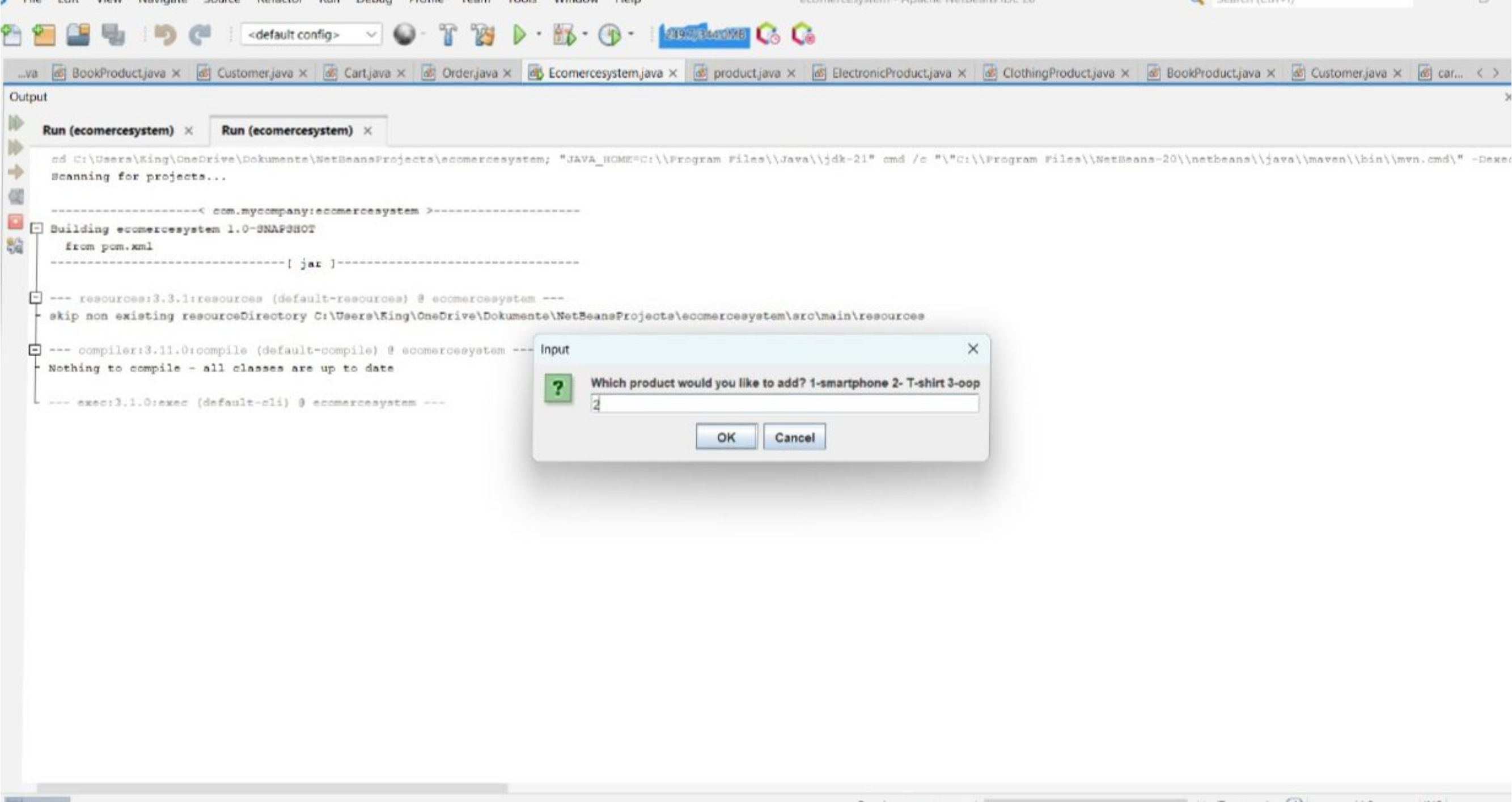
Input ✕

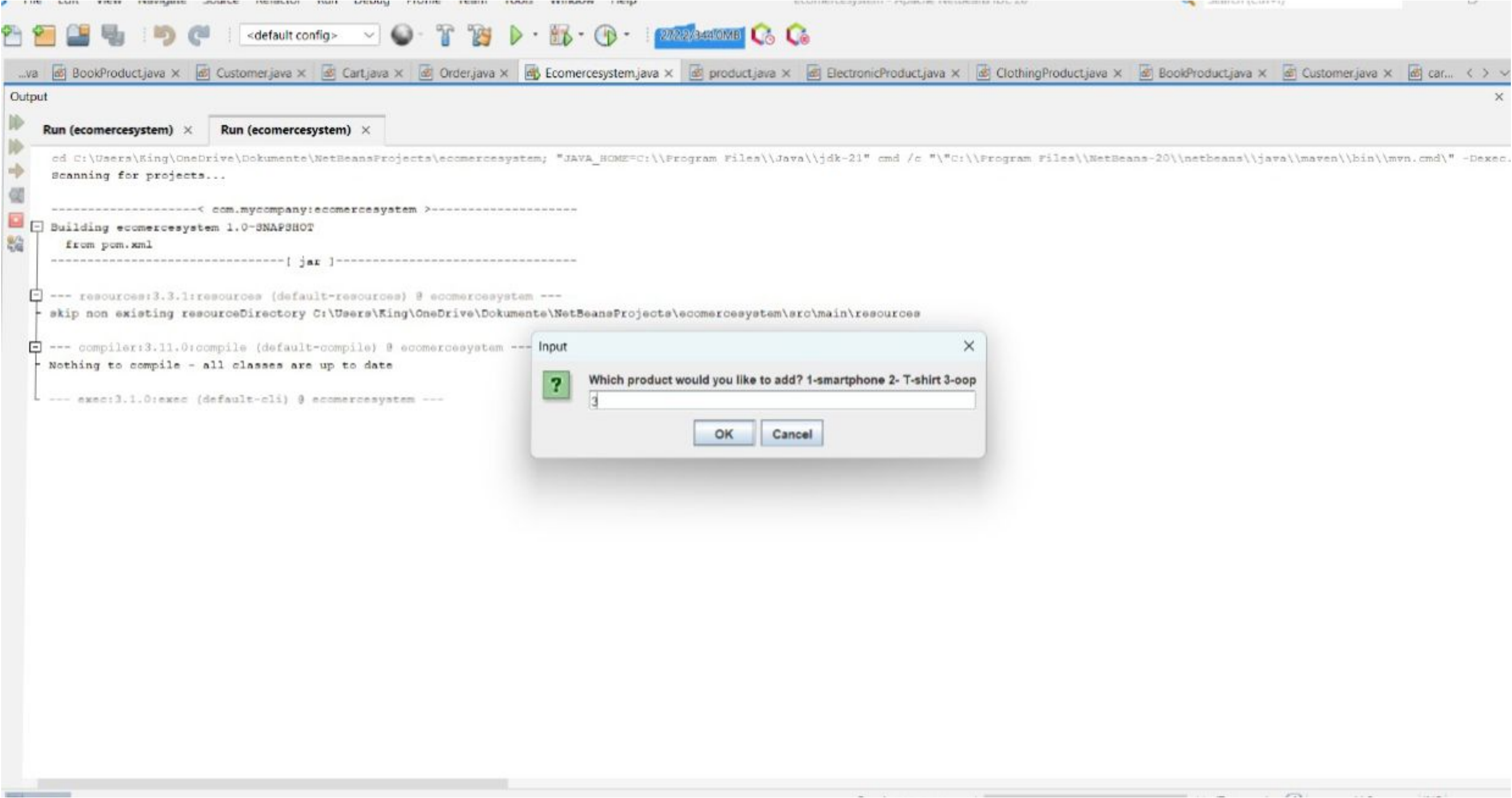
 please enter your name

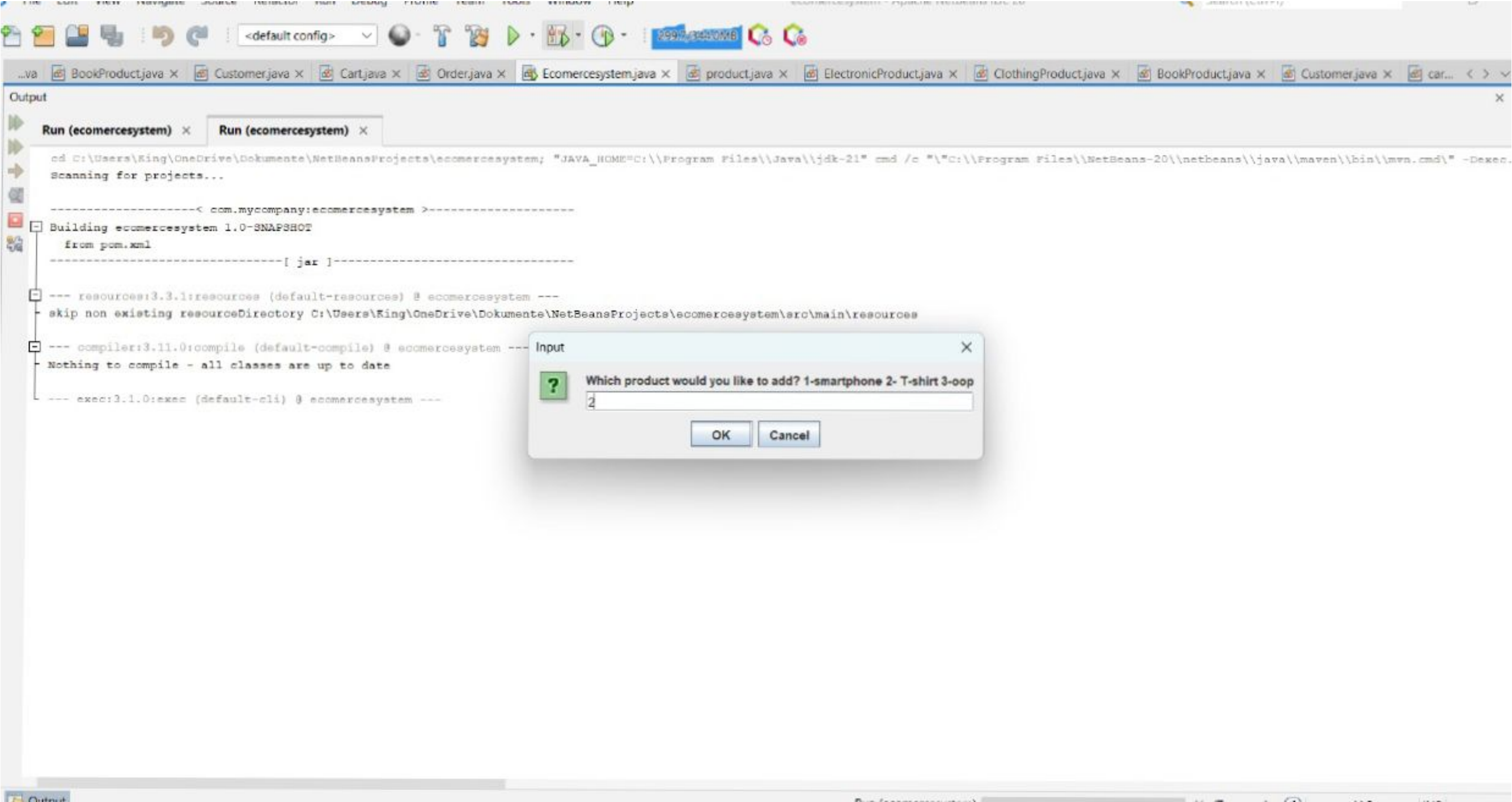
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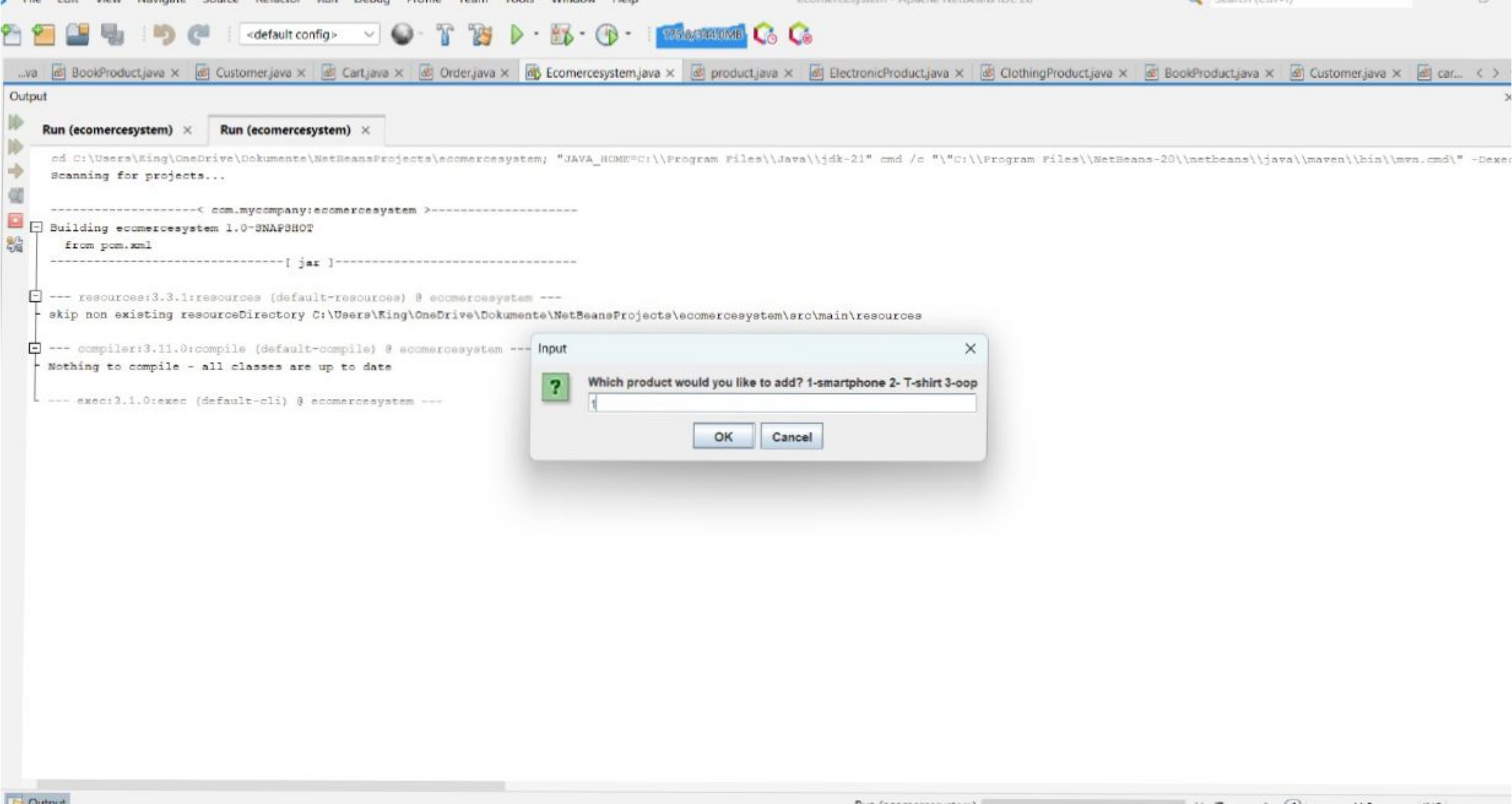


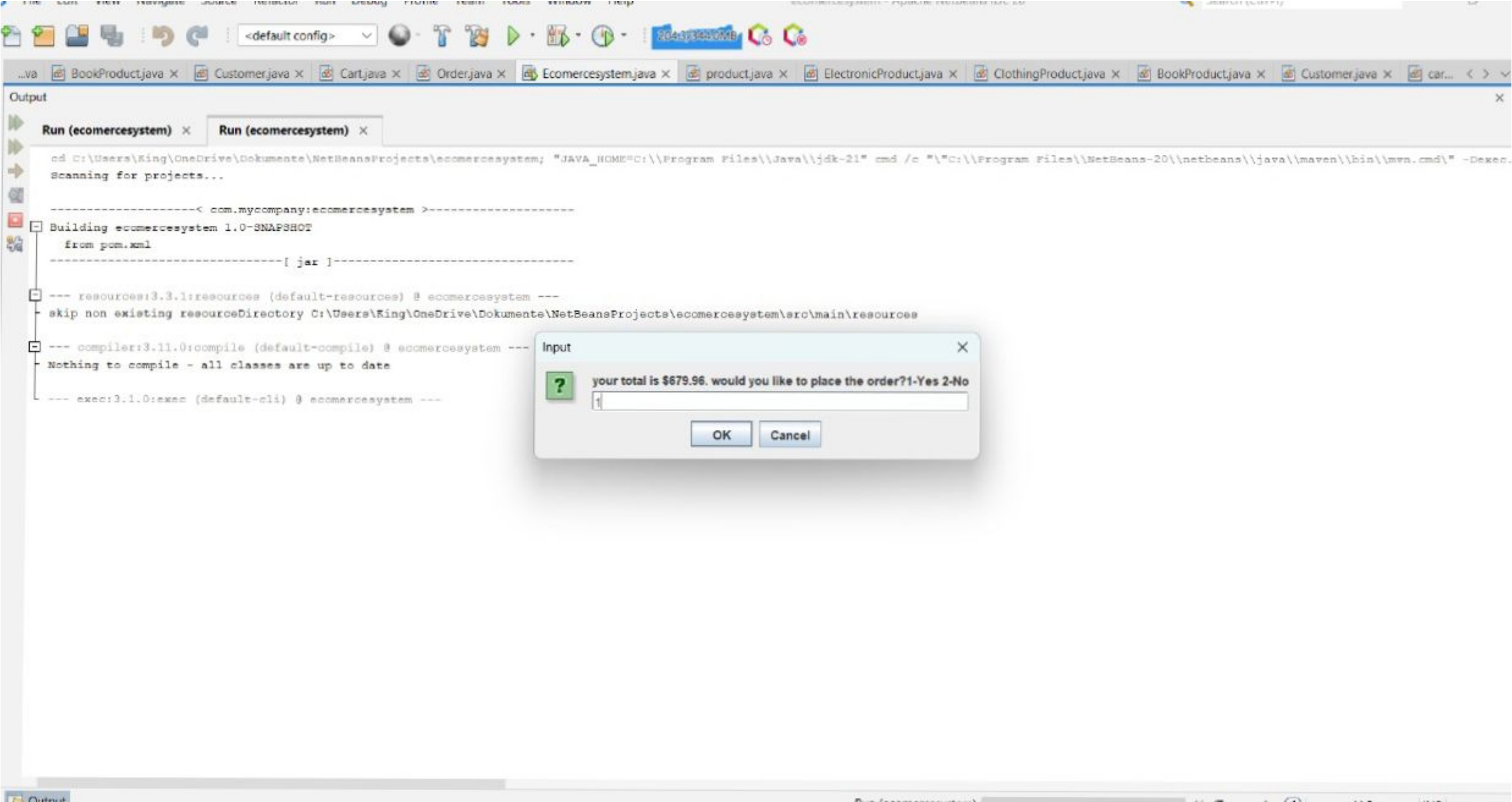


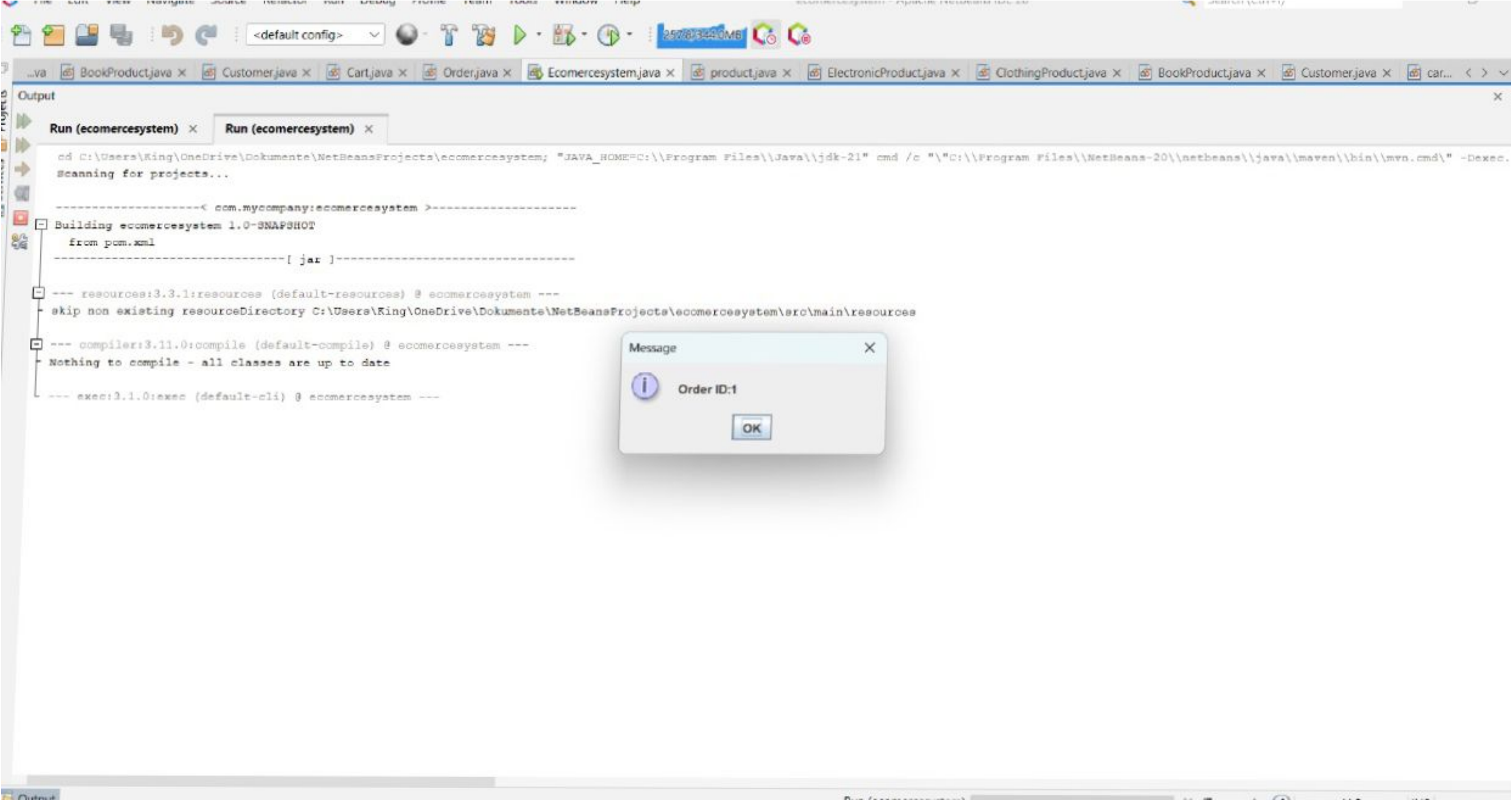


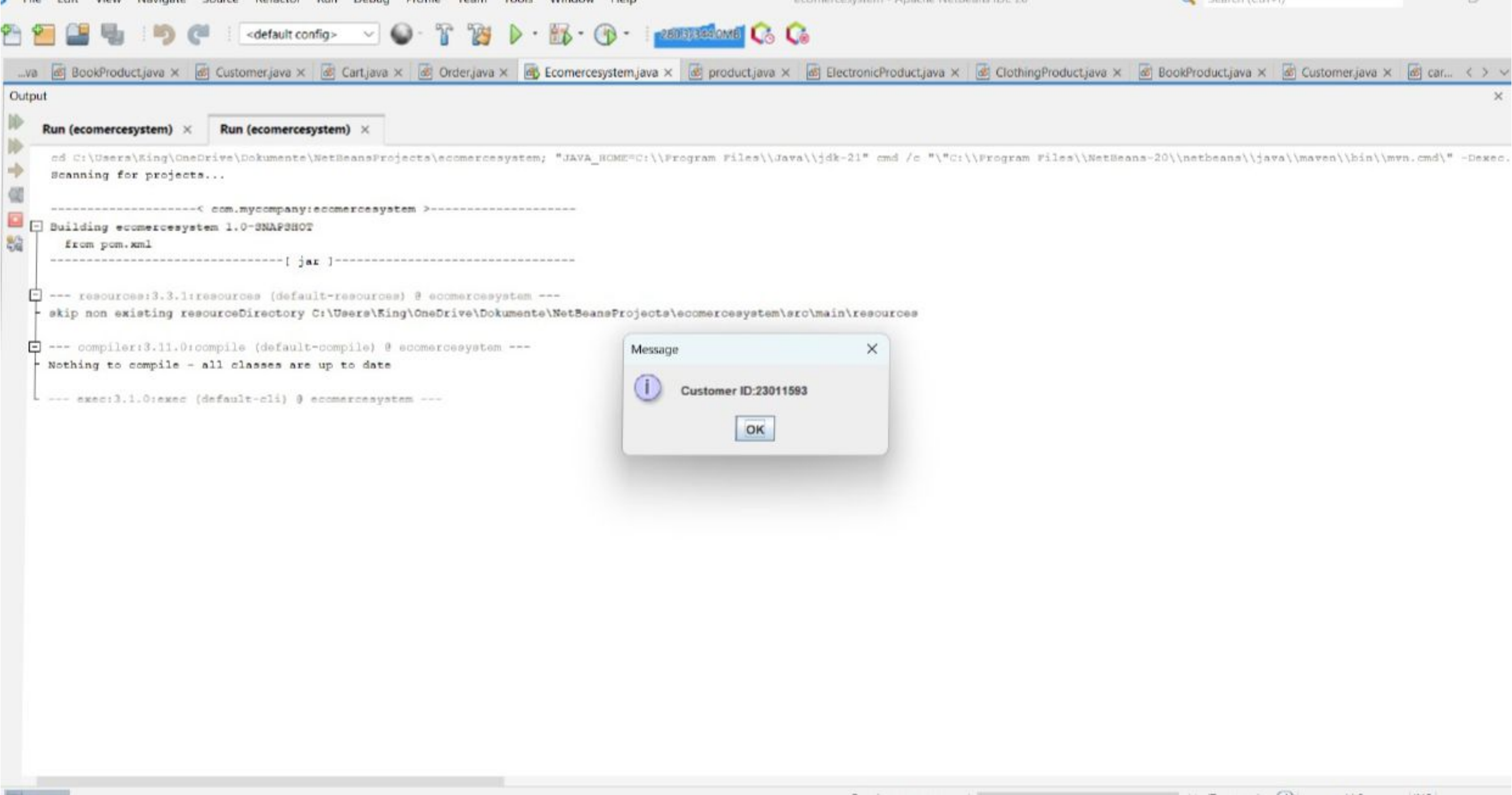










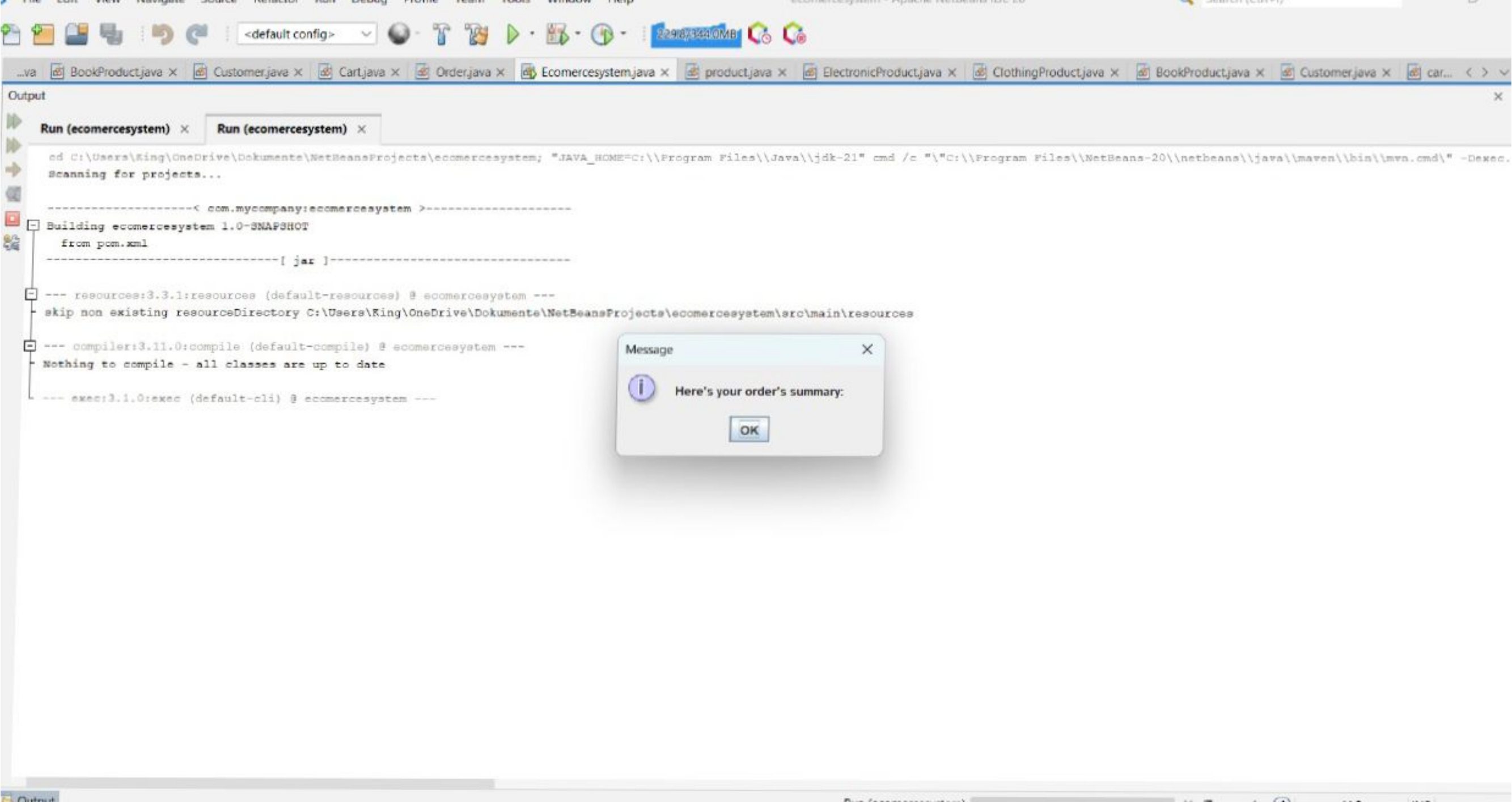


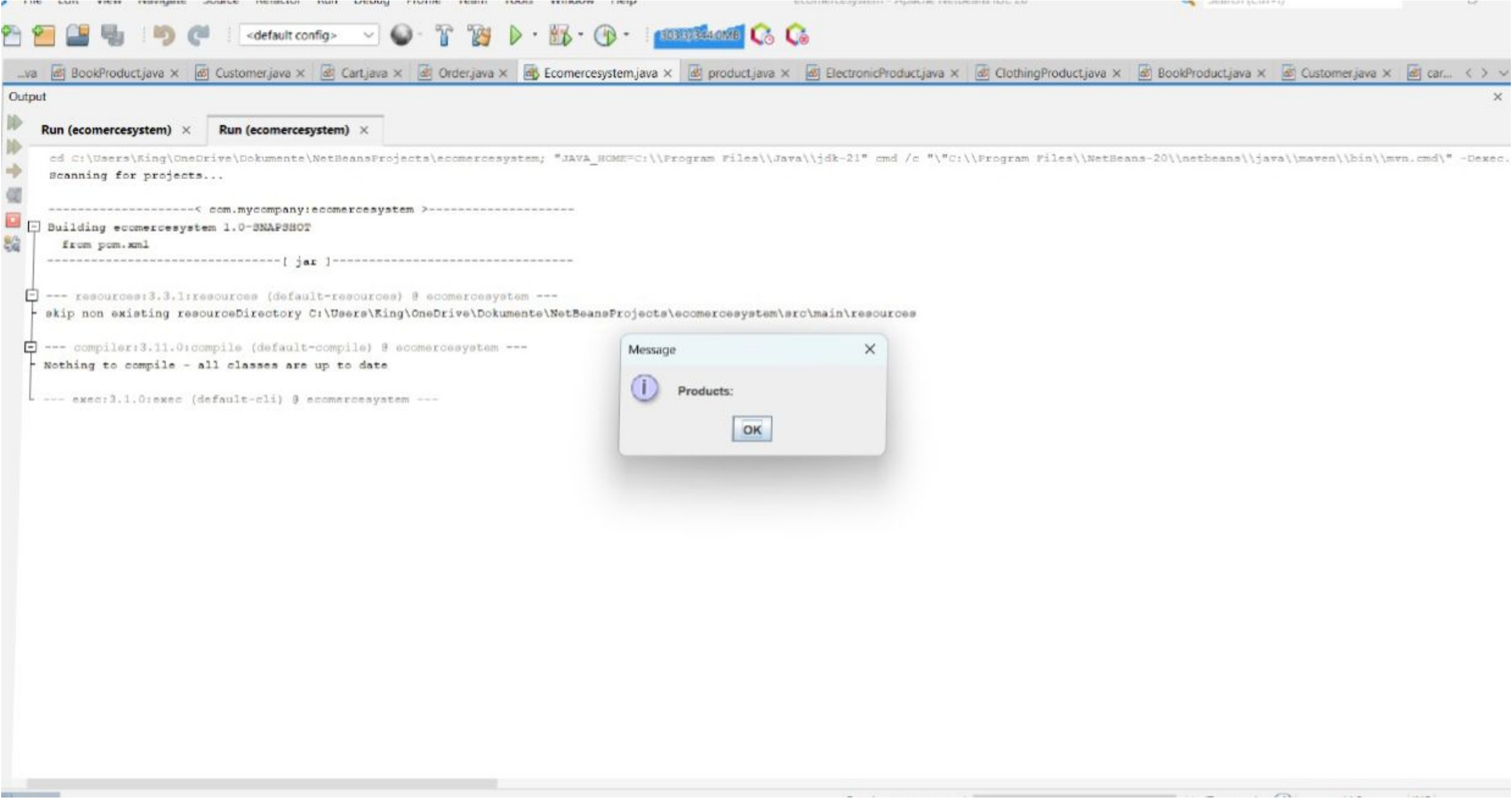
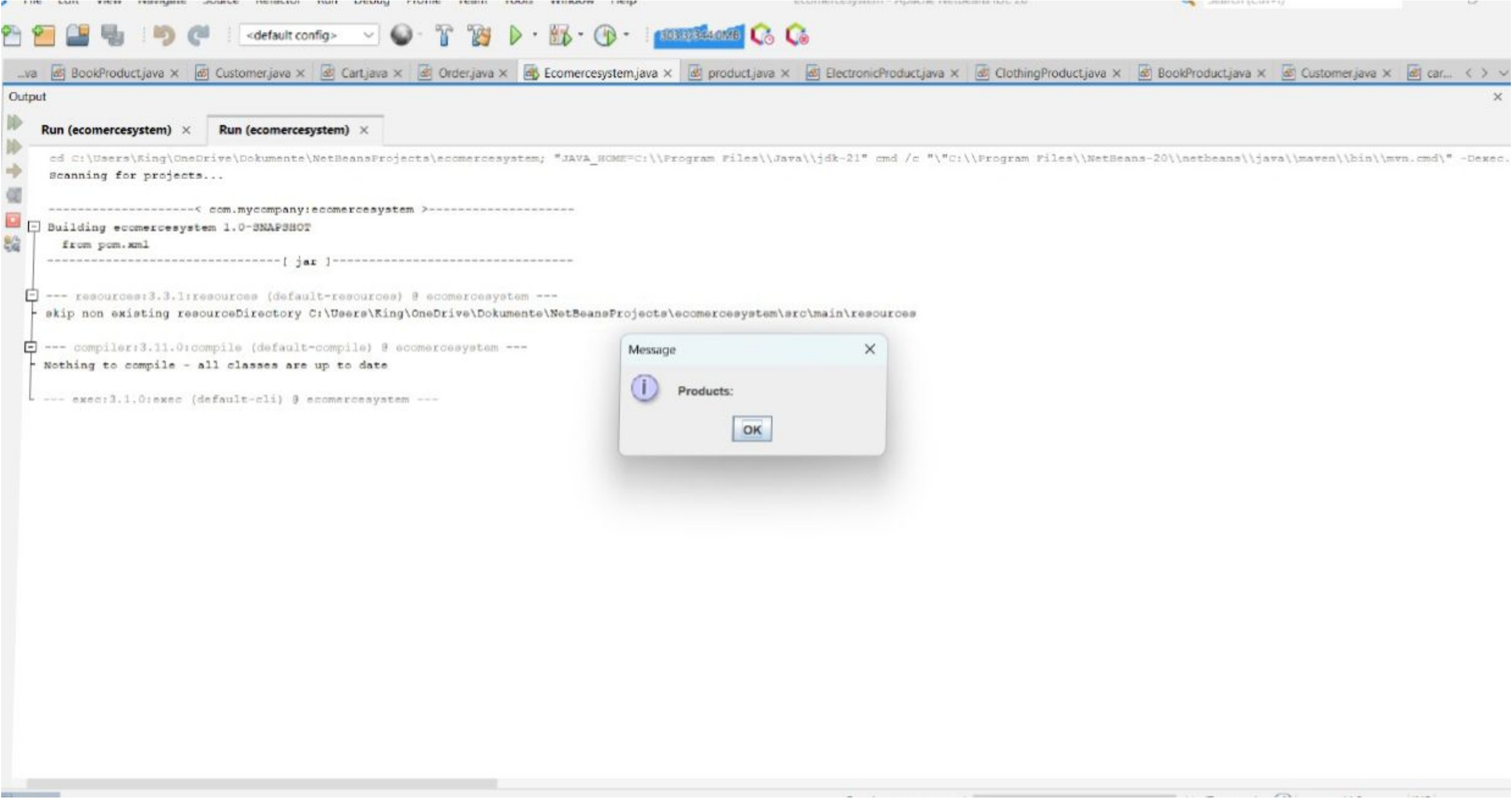
Message

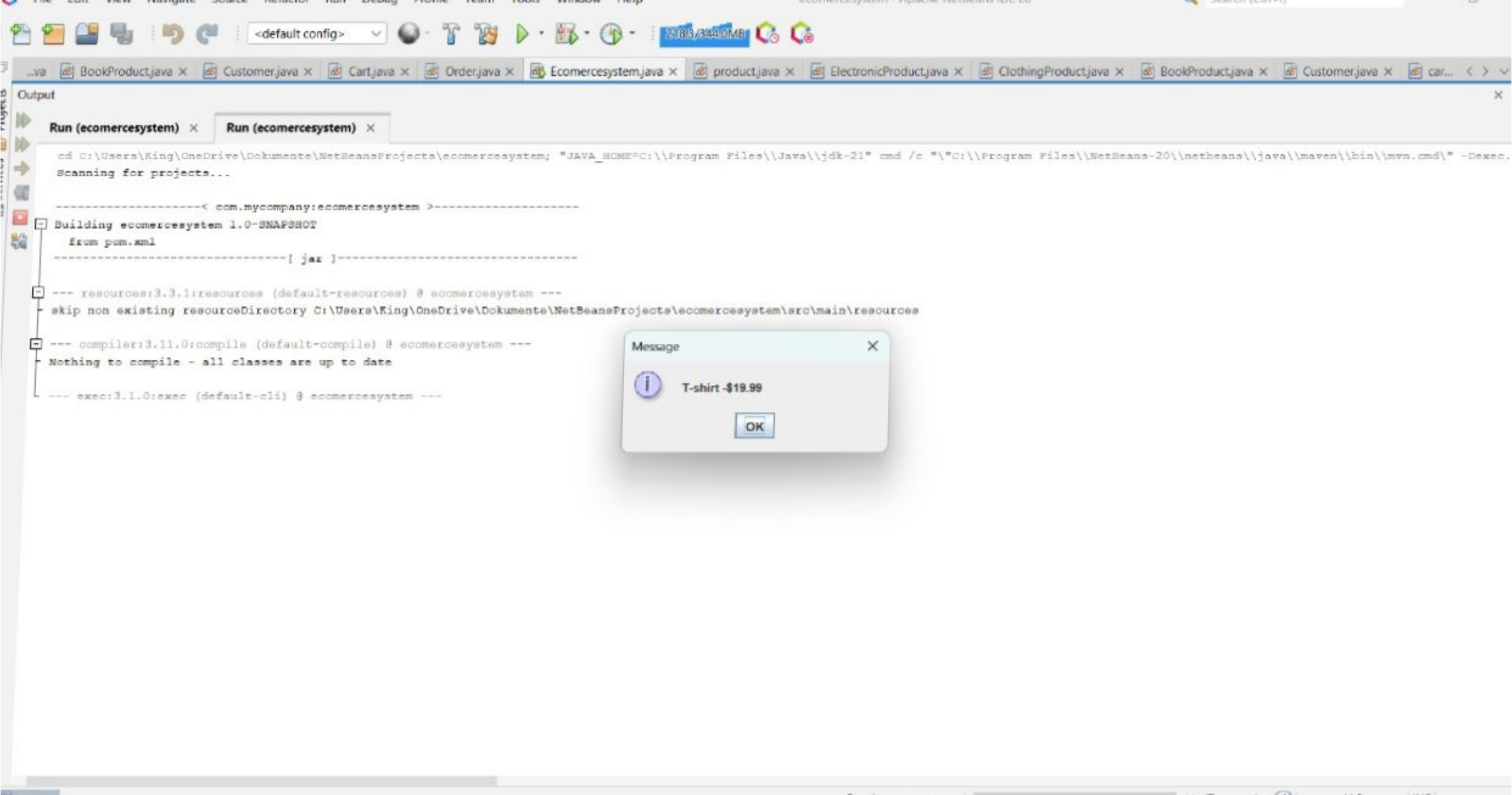


Customer ID:23011593

OK



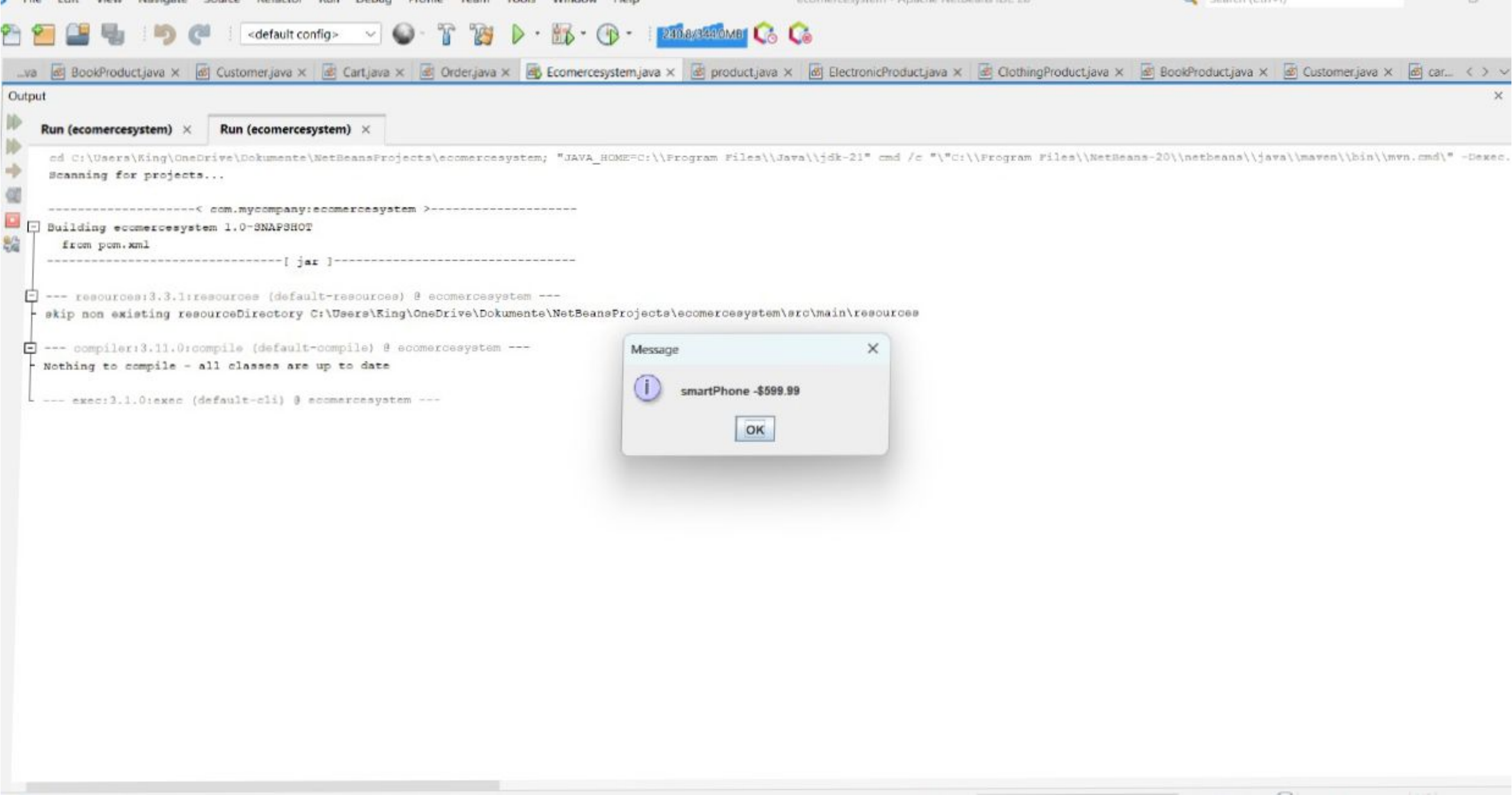




Message

T-shirt -\$19.99

OK



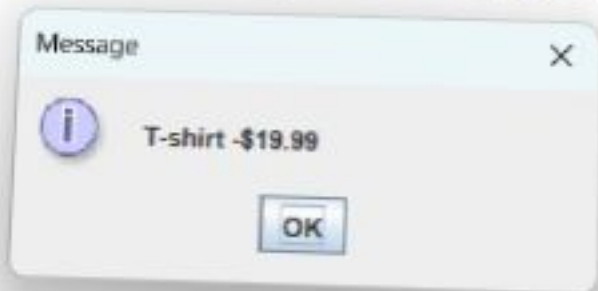
Message

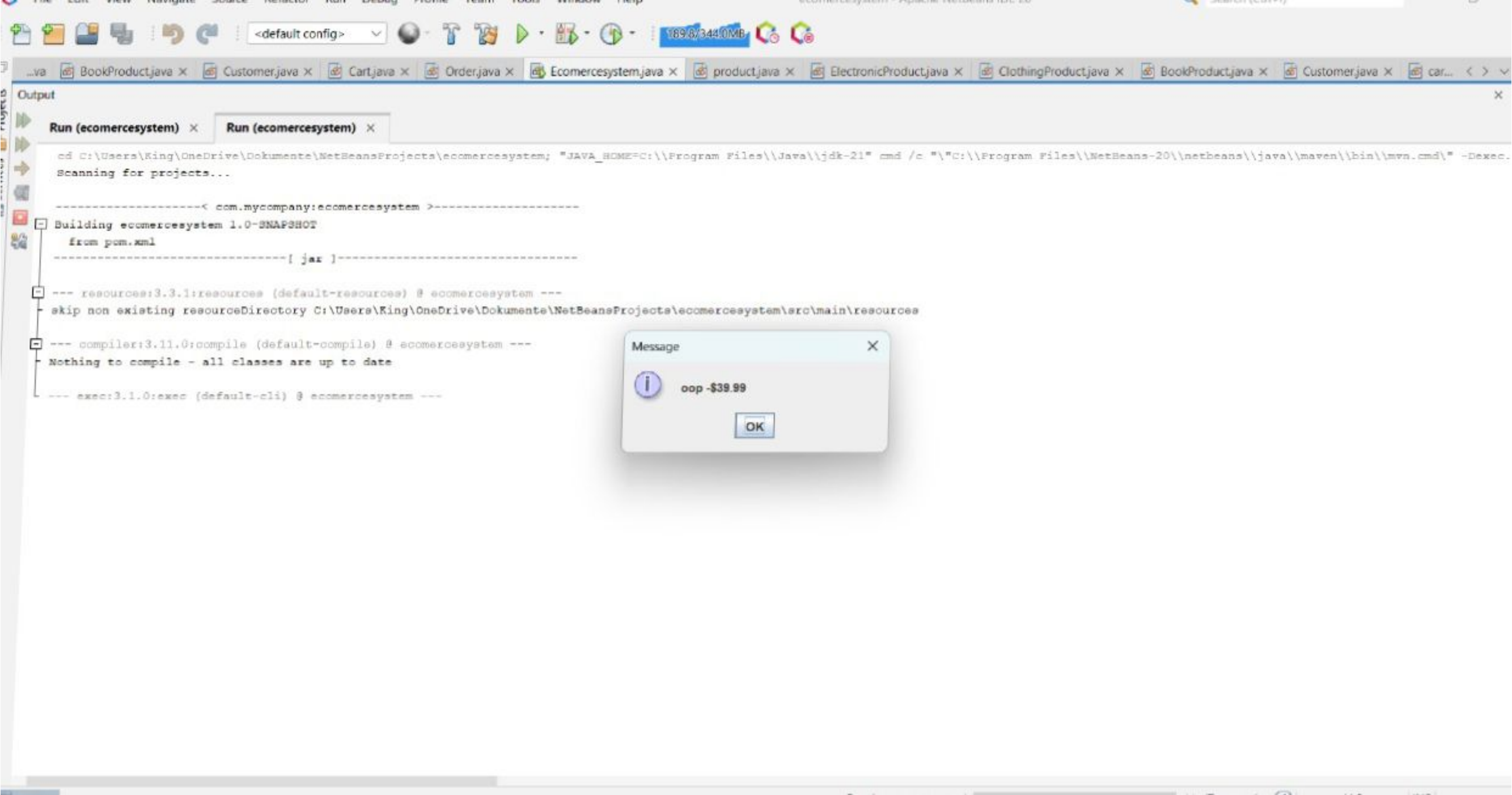


smartPhone -\$599.99

OK

mercesystem ---
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system ---





resourcesystem ---
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system ---

