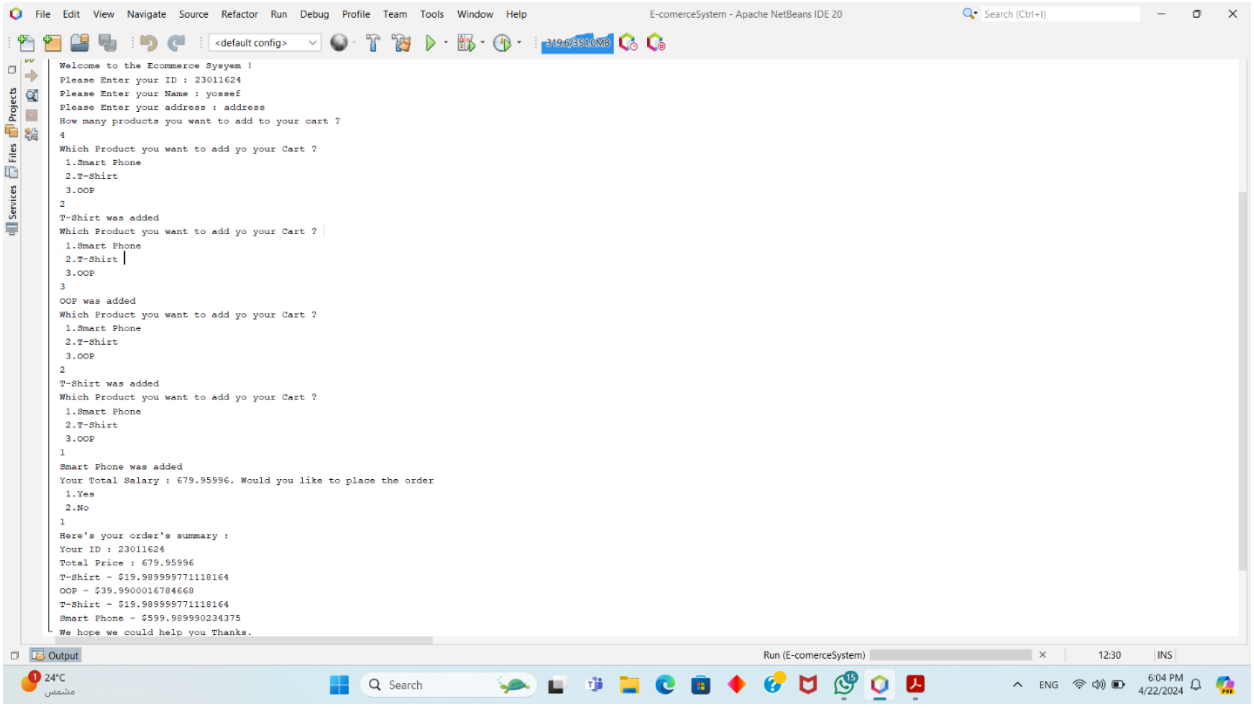
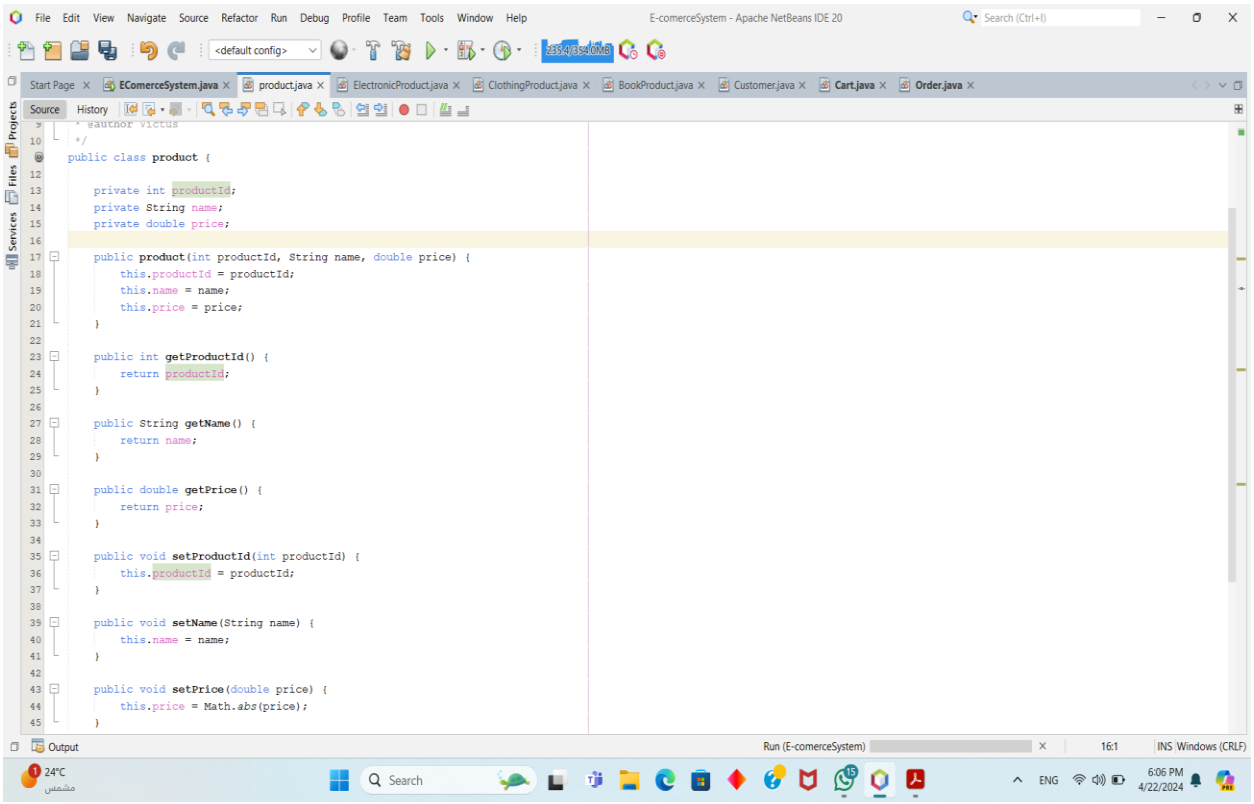
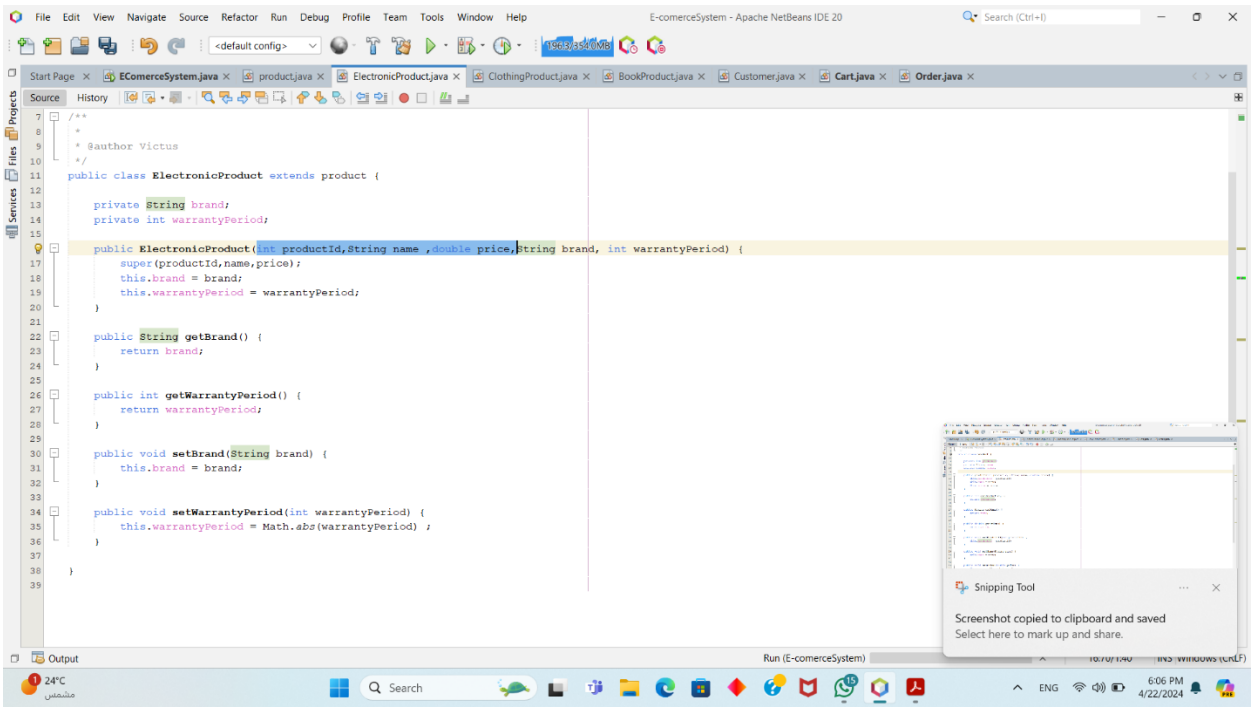
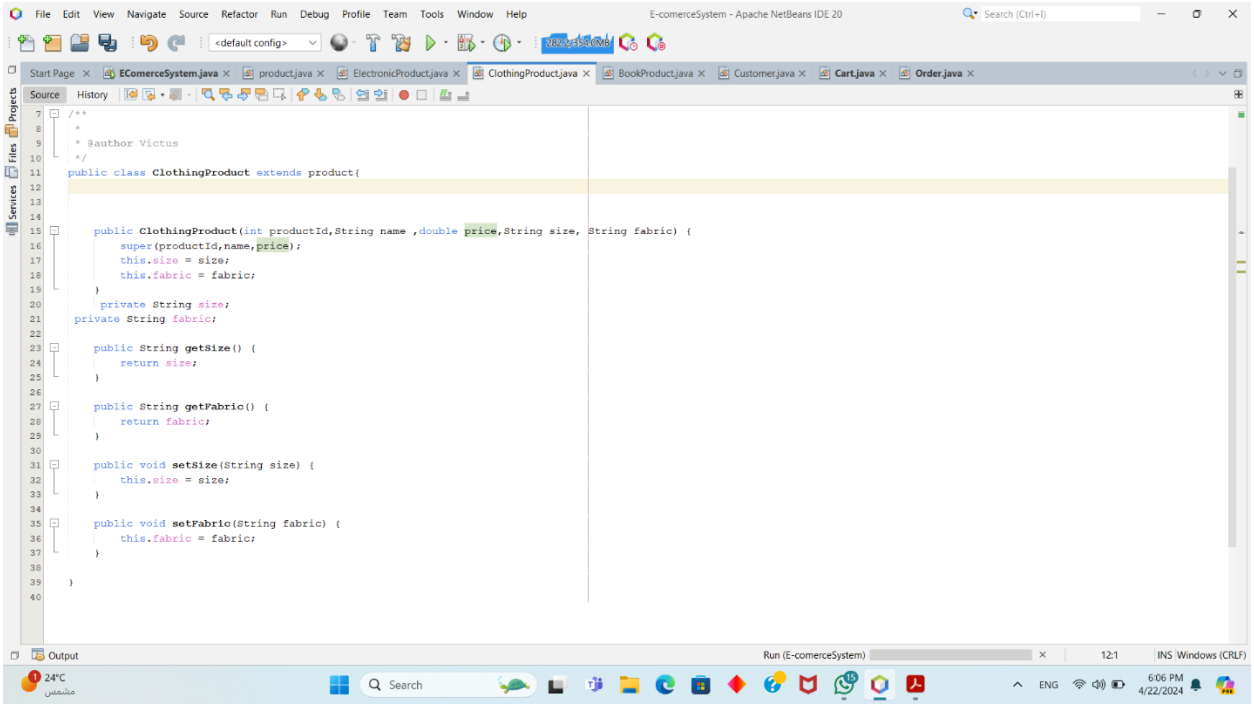
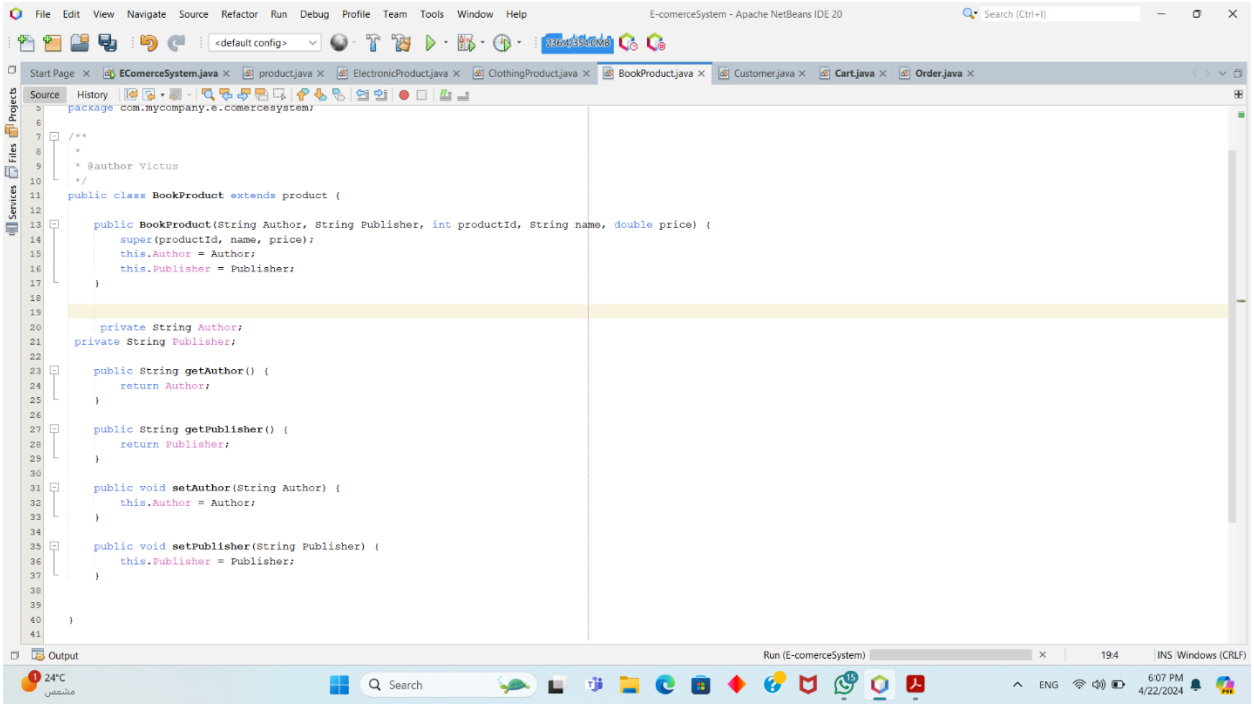
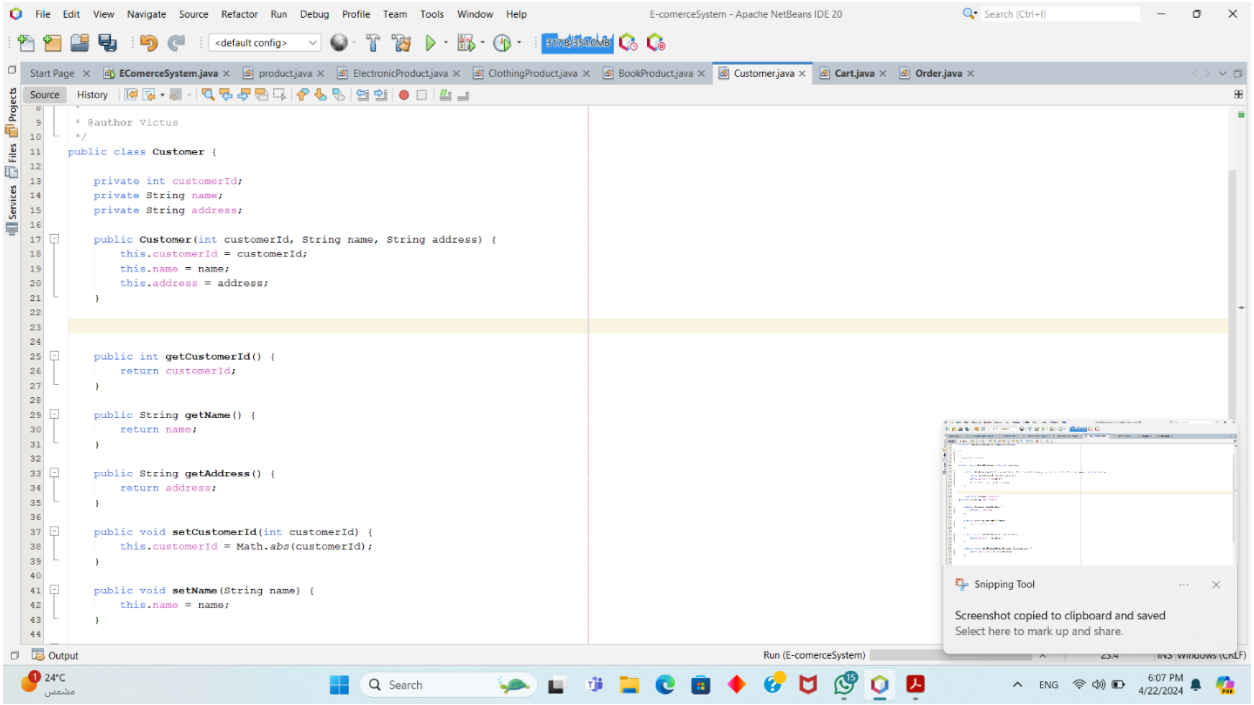

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Welcome to the Ecommerce Sysyem !
Please Enter your ID : 23011624
Please Enter your Name : yossef
Please Enter your address : address
How many products you want to add to your cart ?
4
Which Product you want to add yo your Cart ?
1.Smart Phone
2.T-Shirt
3.OOP
2
T-Shirt was added
Which Product you want to add yo your Cart ?
1.Smart Phone
2.T-Shirt
3.OOP
3
OOP was added
Which Product you want to add yo your Cart ?
1.Smart Phone
2.T-Shirt
3.OOP
2
T-Shirt was added
Which Product you want to add yo your Cart ?
1.Smart Phone
2.T-Shirt
3.OOP
1
Smart Phone was added
Your Total Salary : 679.95996. Would you like to place the order
1.Yes
2.No
1
Here's your order's summary :
Your ID : 23011624
Total Price : 679.95996
T-Shirt - $19.989999771118164
OOP - $39.990001684668
T-Shirt - $19.989999771118164
Smart Phone - $599.989990234375
We hope we could help you Thanks.
Output
Run (E-comerceSystem)
12:30
INS
24°C
Search
ENG
6:04 PM
4/22/2024

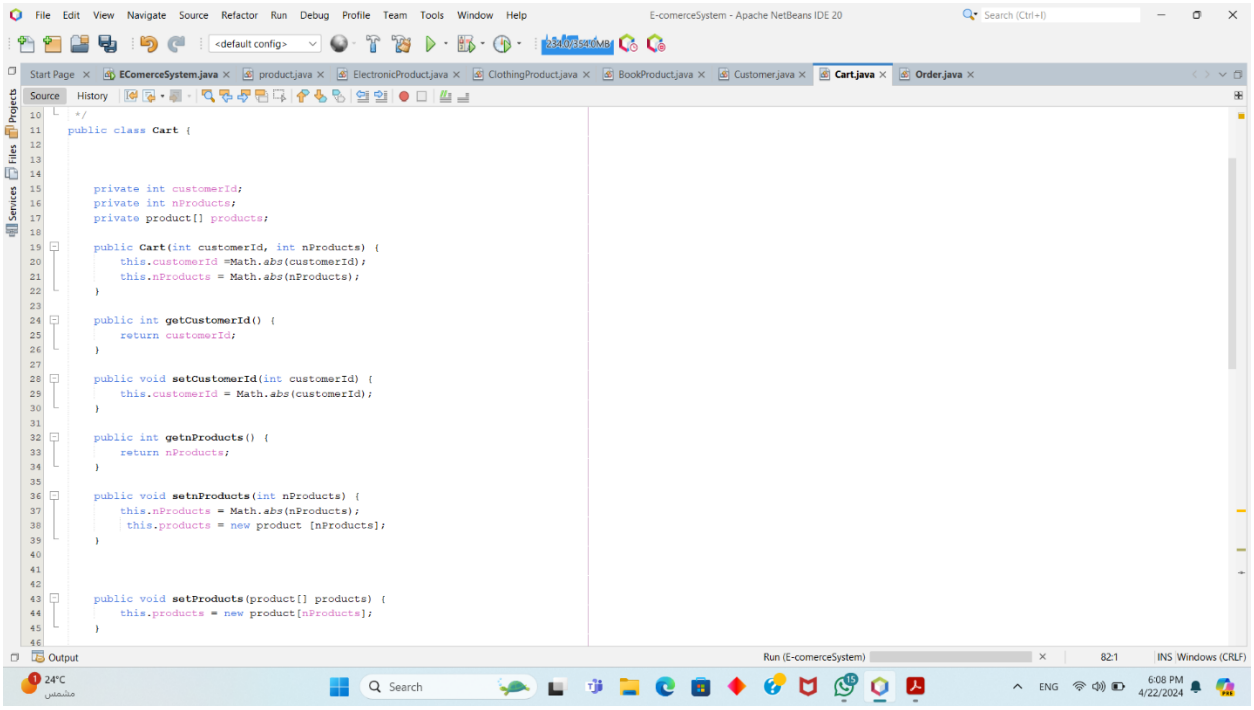

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
* @author victus
*/
public class product {
private int productId;
private String name;
private double price;
public product(int productId, String name, double price) {
this.productId = productId;
this.name = name;
this.price = price;
}
public int getProductId() {
return productId;
}
public String getName() {
return name;
}
public double getPrice() {
return price;
}
public void setProductId(int productId) {
this.productId = productId;
}
public void setName(String name) {
this.name = name;
}
public void setPrice(double price) {
this.price = Math.abs(price);
}
Output
Run (E-comerceSystem)
16:1
INS Windows (CRLF)
24°C
Search
ENG
6:06 PM
4/22/2024

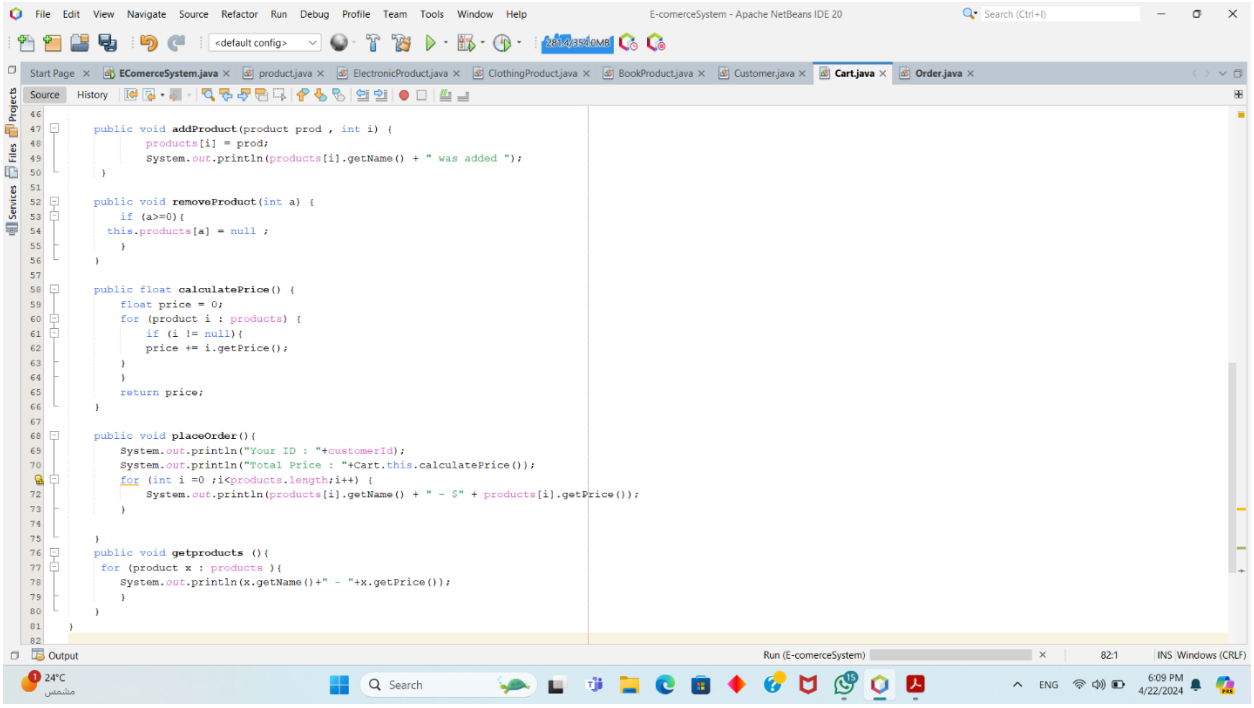

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
/**
*
* @author Victus
*/
public class ElectronicProduct extends product {
private String brand;
private int warrantyPeriod;
public ElectronicProduct(int productId,String name ,double price,String brand, int warrantyPeriod) {
super(productId,name,price);
this.brand = brand;
this.warrantyPeriod = warrantyPeriod;
}
public String getBrand() {
return brand;
}
public int getWarrantyPeriod() {
return warrantyPeriod;
}
public void setBrand(String brand) {
this.brand = brand;
}
public void setWarrantyPeriod(int warrantyPeriod) {
this.warrantyPeriod = Math.abs(warrantyPeriod) ;
}
}
Snipping Tool
Screenshot copied to clipboard and saved
Select here to mark up and share.
Output
Run (E-comerceSystem)
24°C
Search
ENG
6:06 PM
4/22/2024


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
/**
*
* @author Victus
*/
public class ClothingProduct extends product{
public ClothingProduct(int productId,String name ,double price,String size, String fabric) {
super(productId,name,price);
this.size = size;
this.fabric = fabric;
}
private String size;
private String fabric;
public String getSize() {
return size;
}
public String getFabric() {
return fabric;
}
public void setSize(String size) {
this.size = size;
}
public void setFabric(String fabric) {
this.fabric = fabric;
}
}
Output
Run (E-comerceSystem)
12:1
INS Windows (CRLF)
24°C
Search
ENG
6:06 PM
4/22/2024


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
package com.mycompany.e.comercesystem;
/**
*
* @author Victus
*/
public class BookProduct extends product {
public BookProduct(String Author, String Publisher, int productId, String name, double price) {
super(productId, name, price);
this.Author = Author;
this.Publisher = Publisher;
}
private String Author;
private String Publisher;
public String getAuthor() {
return Author;
}
public String getPublisher() {
return Publisher;
}
public void setAuthor(String Author) {
this.Author = Author;
}
public void setPublisher(String Publisher) {
this.Publisher = Publisher;
}
}
Output
Run (E-comerceSystem)
19:4
INS Windows (CRLF)
24°C
Search
ENG
6:07 PM
4/22/2024


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
* @author victus
*/
public class Customer {
private int customerId;
private String name;
private String address;
public Customer(int customerId, String name, String address) {
this.customerId = customerId;
this.name = name;
this.address = address;
}
public int getCustomerId() {
return customerId;
}
public String getName() {
return name;
}
public String getAddress() {
return address;
}
public void setCustomerId(int customerId) {
this.customerId = Math.abs(customerId);
}
public void setName(String name) {
this.name = name;
}
Output
Run (E-comerceSystem)
Snipping Tool
Screenshot copied to clipboard and saved
Select here to mark up and share.
24°C
Search
ENG
6:07 PM
4/22/2024


File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
E-comerceSystem - Apache NetBeans IDE 20
Search (Ctrl+I)
<default config>
Start Page
EComerceSystem.java
product.java
ElectronicProduct.java
ClothingProduct.java
BookProduct.java
Customer.java
Cart.java
Order.java
Source
History
*/
public class Cart {
private int customerId;
private int nProducts;
private product[] products;
public Cart(int customerId, int nProducts) {
this.customerId =Math.abs(customerId);
this.nProducts = Math.abs(nProducts);
}
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) {
this.nProducts = Math.abs(nProducts);
this.products = new product [nProducts];
}
public void setProducts(product[] products) {
this.products = new product[nProducts];
}
Output
Run (E-comerceSystem)
82:1
INS Windows (CRLF)
24°C
Search
ENG
6:08 PM
4/22/2024



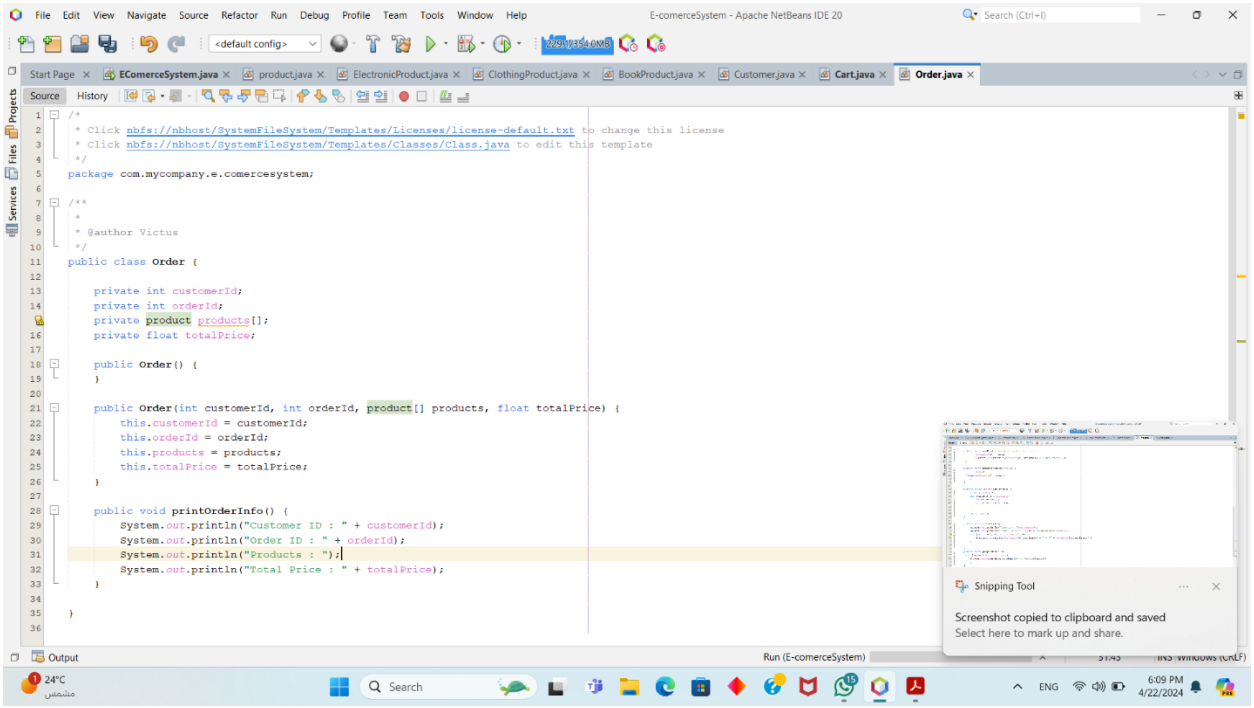
```
    public void addProduct(product prod , int i) {
            products[i] = prod;
            System.out.println(products[i].getName() + " was added ");
     }

    public void removeProduct(int a) {
        if (a>=0){
      this.products[a] = null ;
        }
    }

    public float calculatePrice() {
        float price = 0;
        for (product i : products) {
            if (i != null){
            price += i.getPrice();
        }
        }
        return price;
    }

    public void placeOrder(){
        System.out.println("Your ID : "+customerId);
        System.out.println("Total Price : "+Cart.this.calculatePrice());
        for (int i =0 ;i<products.length;i++) {
            System.out.println(products[i].getName() + " - $" + products[i].getPrice());
        }

    }
    public void getproducts (){
     for (product x : products ){
        System.out.println(x.getName()+" - "+x.getPrice());
        }
    }
}
```



```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package com.mycompany.e.comercesystem;

/**
 *
 * @author Victus
 */
public class Order {

    private int customerId;
    private int orderId;
    private product products[];
    private float totalPrice;

    public Order() {
    }

    public Order(int customerId, int orderId, product[] products, float totalPrice) {
        this.customerId = customerId;
        this.orderId = orderId;
        this.products = products;
        this.totalPrice = totalPrice;
    }

    public void printOrderInfo() {
        System.out.println("Customer ID : " + customerId);
        System.out.println("Order ID : " + orderId);
        System.out.println("Products : ");
        System.out.println("Total Price : " + totalPrice);
    }

}
```

Snipping Tool

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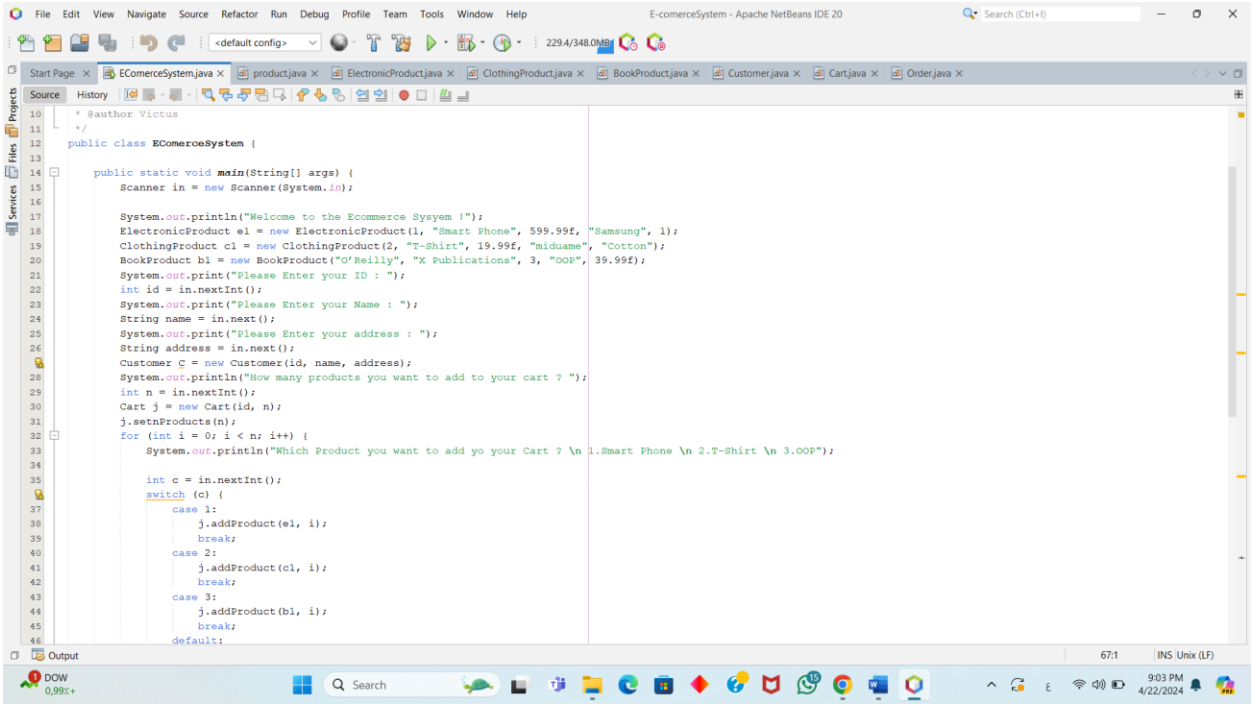
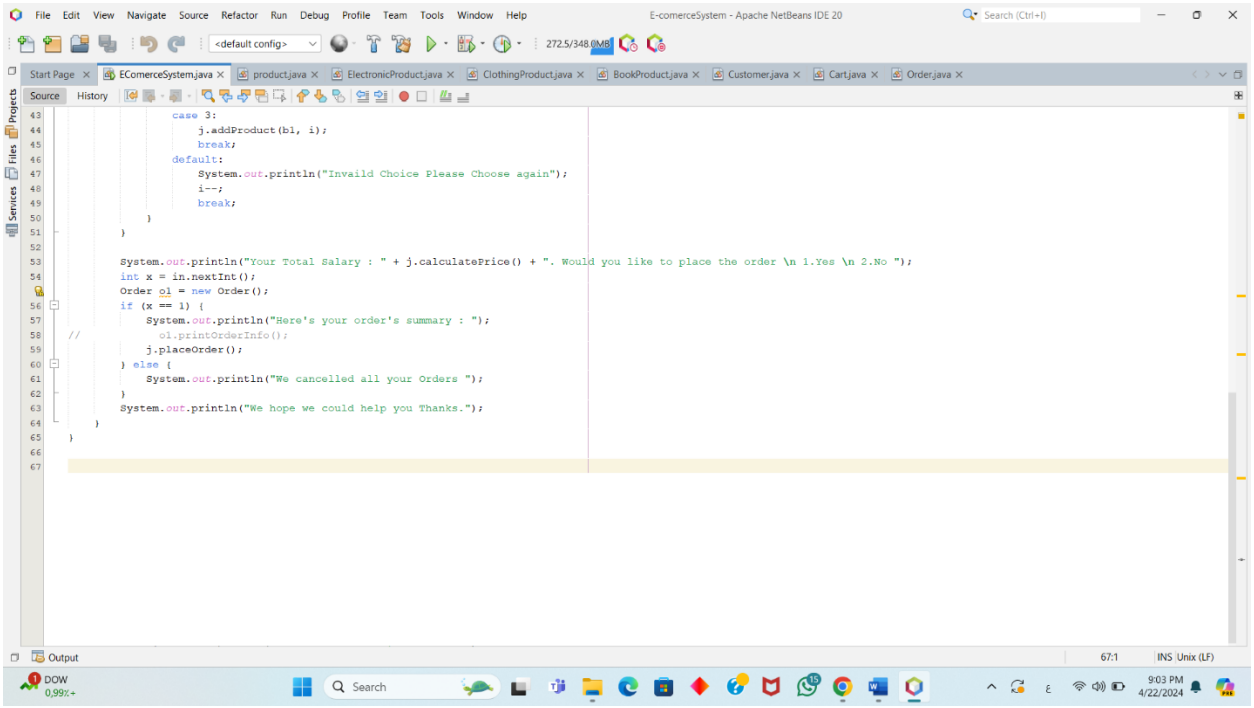


```
 * @author Victus
 */
public class EComerceSystem {

    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);

        System.out.println("Welcome to the Ecommerce Sysyem !");
        ElectronicProduct e1 = new ElectronicProduct(1, "Smart Phone", 599.99f, "Samsung", 1);
        ClothingProduct c1 = new ClothingProduct(2, "T-Shirt", 19.99f, "miduame", "Cotton");
        BookProduct b1 = new BookProduct("O'Reilly", "X Publications", 3, "OOP", 39.99f);
        System.out.print("Please Enter your ID : ");
        int id = in.nextInt();
        System.out.print("Please Enter your Name : ");
        String name = in.next();
        System.out.print("Please Enter your address : ");
        String address = in.next();
        Customer c = new Customer(id, name, address);
        System.out.println("How many products you want to add to your cart ? ");
        int n = in.nextInt();
        Cart j = new Cart(id, n);
        j.setnProducts(n);
        for (int i = 0; i < n; i++) {
            System.out.println("Which Product you want to add yo your Cart ? \n 1.Smart Phone \n 2.T-Shirt \n 3.OOP");

            int c = in.nextInt();
            switch (c) {
                case 1:
                    j.addProduct(e1, i);
                    break;
                case 2:
                    j.addProduct(c1, i);
                    break;
                case 3:
                    j.addProduct(b1, i);
                    break;
                default:
```



```
                case 3:
                    j.addProduct(b1, i);
                    break;
                default:
                    System.out.println("Invaild Choice Please Choose again");
                    i--;
                    break;
            }
        }

        System.out.println("Your Total Salary : " + j.calculatePrice() + ". Would you like to place the order \n 1.Yes \n 2.No ");
        int x = in.nextInt();
        Order o1 = new Order();
        if (x == 1) {
            System.out.println("Here's your order's summary : ");
//            o1.printOrderInfo();
            j.placeOrder();
        } else {
            System.out.println("We cancelled all your Orders ");
        }
        System.out.println("We hope we could help you Thanks.");
    }
}
```