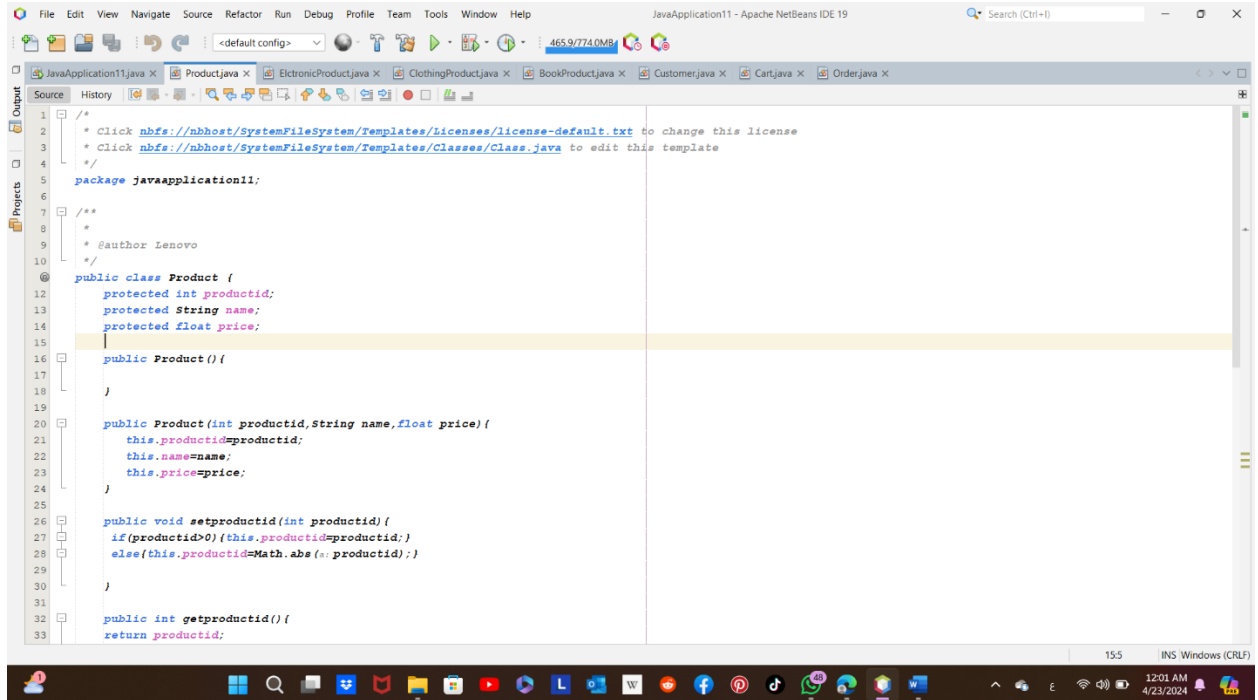


```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication11 - Apache NetBeans IDE 19 332.9/774.0MB Search (Ctrl+I)
JavaApplication11.java x Product.java x ElectronicProduct.java x ClothingProduct.java x BookProduct.java x Customer.java x Cart.java x Order.java x
Source History
1 package javaapplication11;
2 import java.util.Scanner;
3 public class JavaApplication11 {
4     public static void main(String[] args) {
5         Scanner in=new Scanner(System.in);
6         System.out.println("Welcome to E-Commerec System");
7         ElectronicProduct e1=new ElectronicProduct(name: "SmartPhone",productid: 1,price: 599.9$,brand: "Samsung",warrantyperiod: 1);
8         ClothingProduct c1=new ClothingProduct(name: "T-shirt",productid: 2,price: 19.99$,size: "Medium",fabric: "Cotton");
9         BookProduct b1=new BookProduct(name: "OOP",productid: 3,price: 39.99$,author: "O'Reilly",publisher: "O'Reilly");
10        Customer customer = new Customer();
11        System.out.println("Please Enter Your Name: ");
12        customer.name=in.nextLine();
13        System.out.println("Please Enter Your Id: ");
14        customer.customerid=in.nextInt();
15        System.out.println("Please Enter Your Address: ");
16        customer.address=in.next();
17        Cart cart=new Cart();
18        cart.setCustomerId(customerid: customer.getCustomerId());
19        System.out.println("How Many Products You Want To Add in Your Cart? ");
20        cart.setnProduct(nProduct: in.nextInt());
21        int addproduct;
22        Order o=new Order();
23        o.Products=cart.Products;
24        o.setCustomerId(customerid: customer.customerid);
25        o.setorderid(orderid: 1);
26        for(int i=1;i<=cart.getnProduct();i++){
27            System.out.println("Which Product you Want to add: "+i+"\n1- Smart Phone 2- T-shirt 3-OPP" );
28            addproduct=in.nextInt();
29            switch (addproduct){
30                case 1:
31                    cart.addProduct(product: e1);
32                    break;
33                case 2:
```

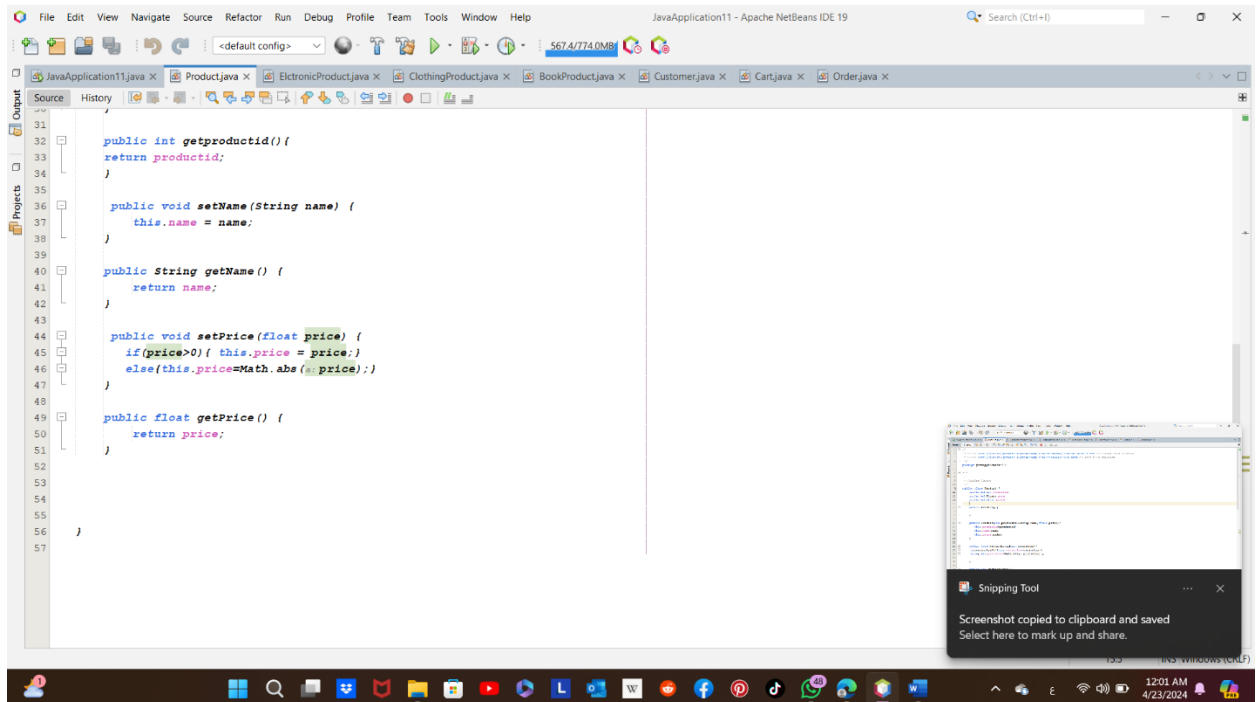
```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication11 - Apache NetBeans IDE 19 340.4/774.0MB Search (Ctrl+I)
JavaApplication11.java x Product.java x ElectronicProduct.java x ClothingProduct.java x BookProduct.java x Customer.java x Cart.java x Order.java x
Source History
49
50
51
52        System.out.println("Do you want to place the order: "+"1- yes "+"2-No ");
53        int p=in.nextInt();
54        cart.placeorder(n: p);
55        if(p==1){
56            o.printOrderInfo();
57        }
58        else{System.out.println("the cart is empty now.\nThank you "+customer.name+" for using our System");}
59
60    }
61
62
63
64
65
66
67
68
69
70
```

Snipping Tool

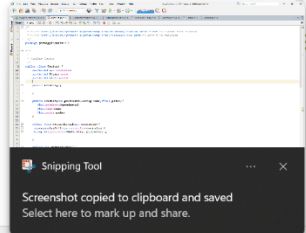
Screenshot copied to clipboard and saved
Select here to mark up and share.

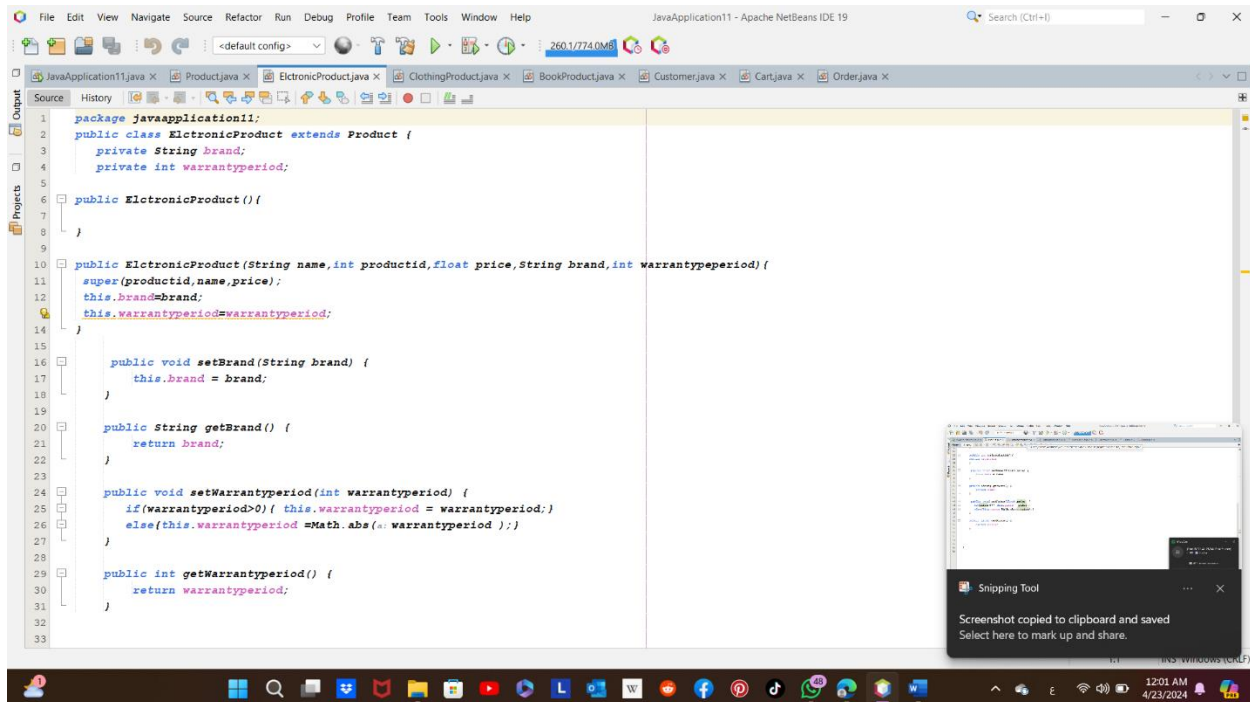
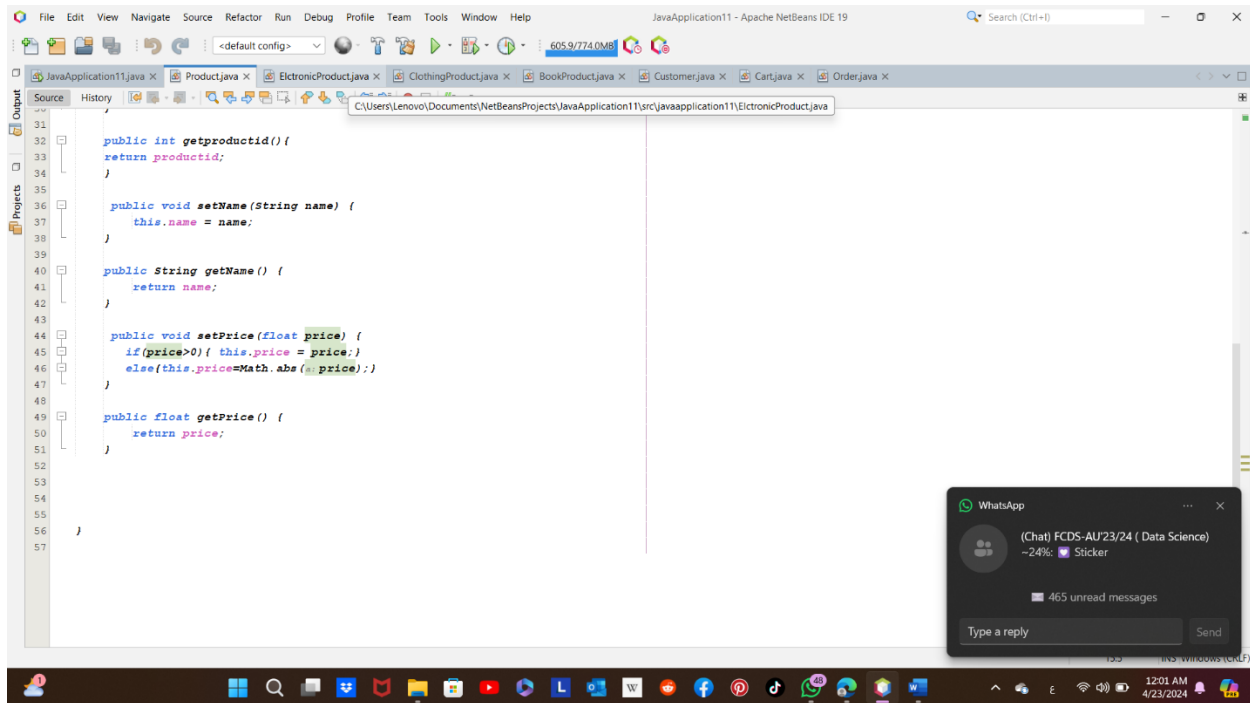


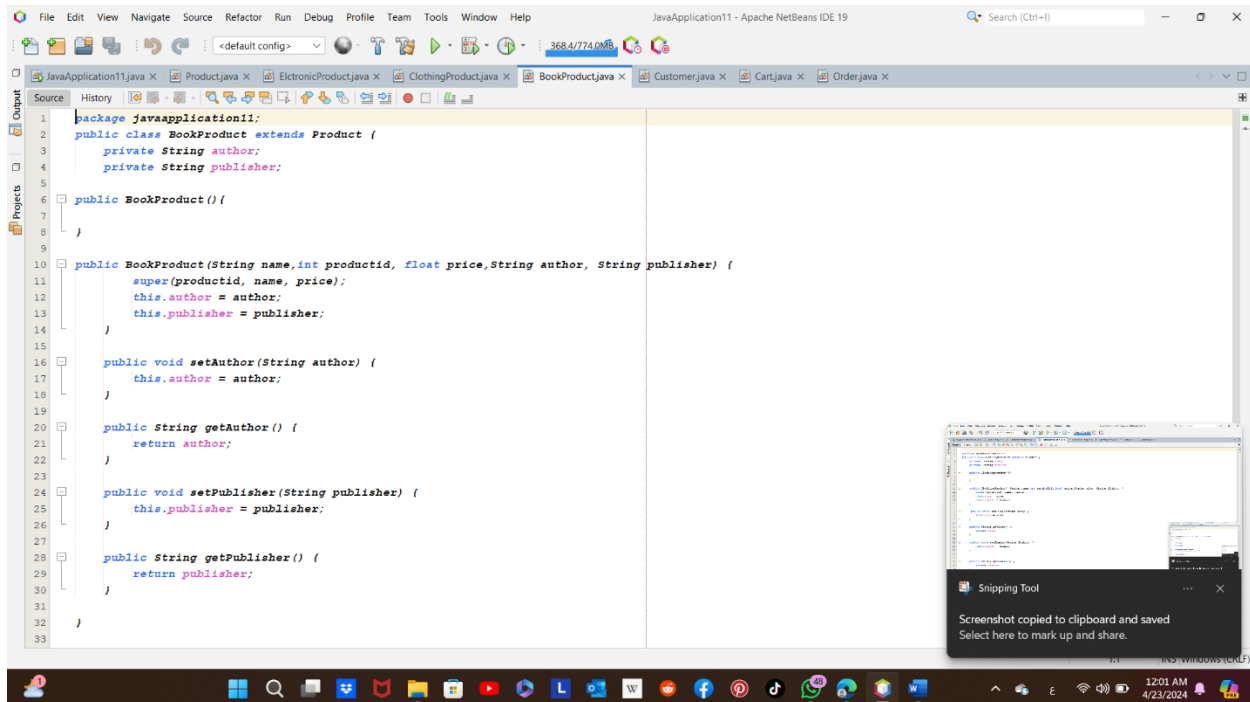
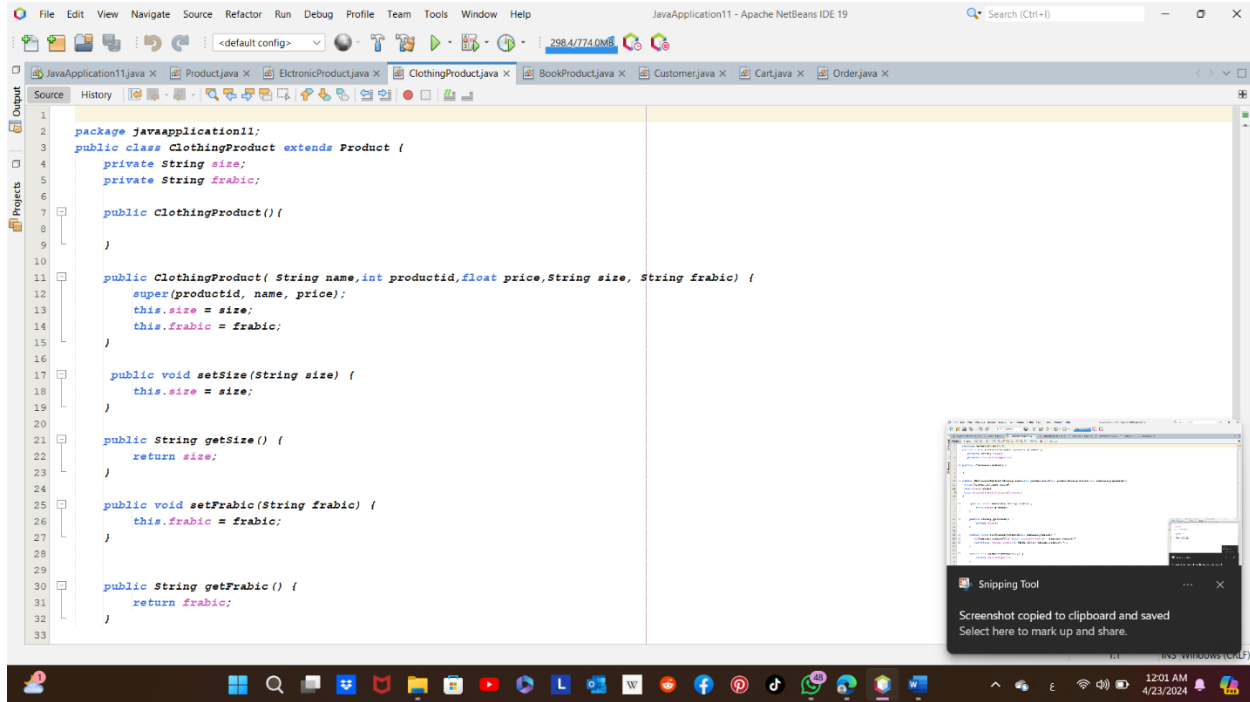
```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4   */
5   package javaApplication11;
6
7   /**
8    *
9    * @author Lenovo
10   */
11   @
12   public class Product {
13       protected int productid;
14       protected String name;
15       protected float price;
16
17       public Product() {
18
19       }
20
21       public Product(int productid,String name,float price) {
22           this.productid=productid;
23           this.name=name;
24           this.price=price;
25       }
26
27       public void setproductid(int productid) {
28           if(productid>0) {this.productid=productid;}
29           else{this.productid=Math.abs(n, productid);}
30       }
31
32       public int getproductid() {
33           return productid;
34       }
35   }
```

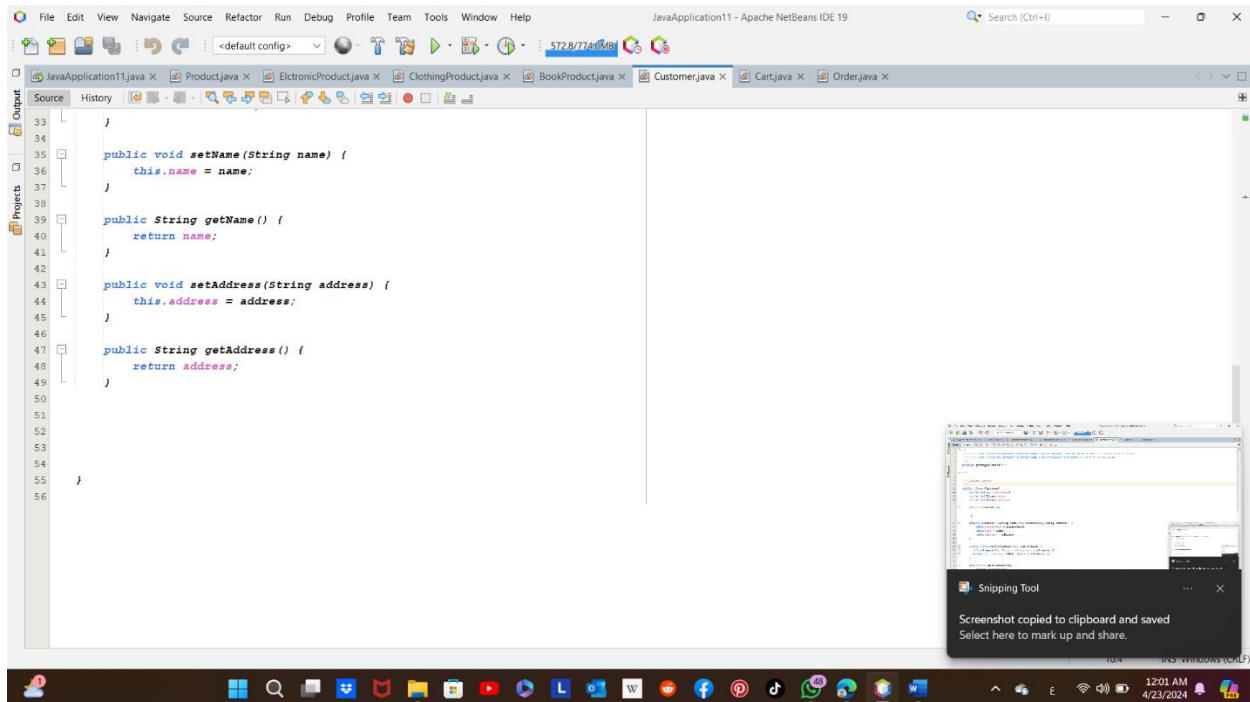
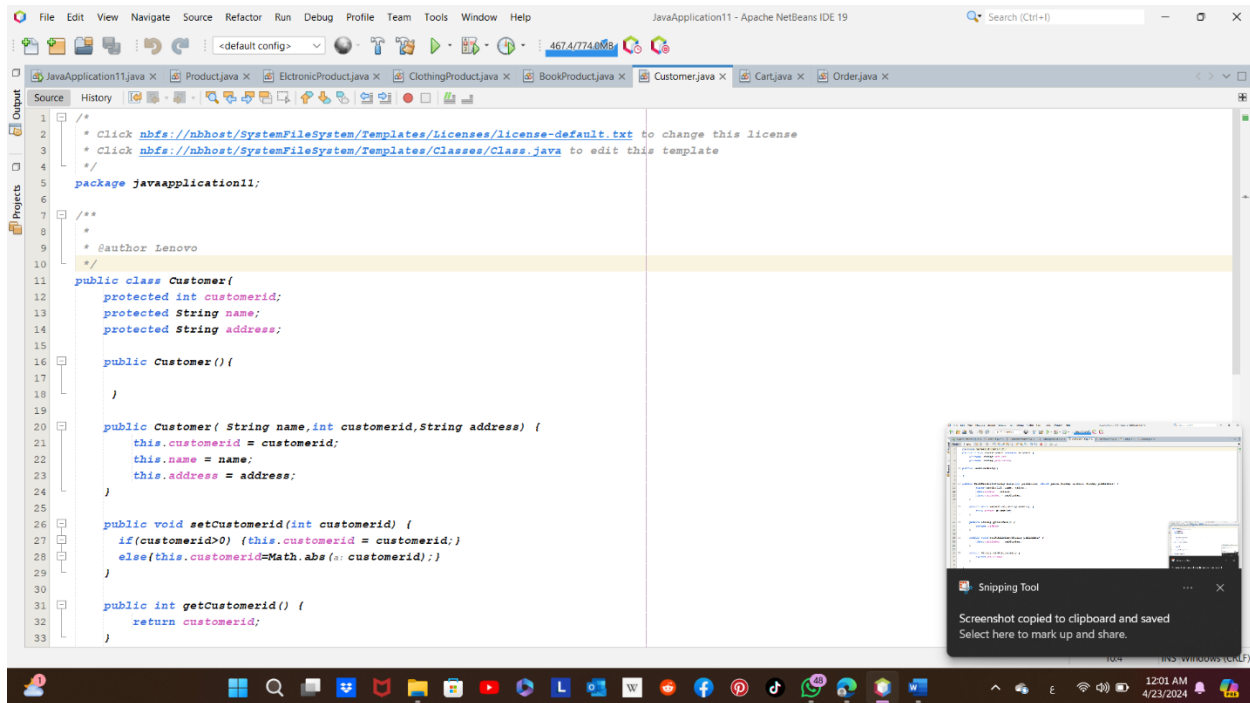


```
36   public void setName(String name) {
37       this.name = name;
38   }
39
40   public String getName() {
41       return name;
42   }
43
44   public void setPrice(float price) {
45       if(price>0) { this.price = price;}
46       else{this.price=Math.abs(n, price);}
47   }
48
49   public float getPrice() {
50       return price;
51   }
52
53
54
55
56
57 }
```









```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication11 - Apache NetBeans IDE 19
<default config> 292.3/776.0MB
JavaApplication11.java x Product.java x ElectronicProduct.java x ClothingProduct.java x BookProduct.java x Customer.java x Cart.java x Order.java x
Source History
1 package javaapplication11;
2 import java.util.Scanner;
3 public class Cart extends Product{ //صلى الله عليه وسلم
4     Scanner s=new Scanner(System.in);
5     protected int customerid;
6     protected int nProduct;
7     protected Product[] Products;
8     // private int counter=0;
9
10
11 public Cart() {
12
13 }
14
15 public Cart(int customerid, int nProduct, Product[] Products) {
16     this.customerid = customerid;
17     this.nProduct = nProduct;
18     this.Products = new Product[this.nProduct];
19 }
20
21 public void setCustomerid(int customerid) {
22     if(customerid>0) {this.customerid = customerid;}
23     else{this.customerid =Math.abs(s.nextInt());}
24 }
25
26 public int getCustomerid() {
27     return customerid;
28 }
29
30 public void setnProduct(int nProduct) {
31     if(nProduct>0) {this.nProduct = nProduct;}
32     else{this.nProduct =Math.abs(s.nextInt());}
33     Products=new Product[nProduct];
34 }
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication11 - Apache NetBeans IDE 19
<default config> 379.8/298.0MB
JavaApplication11.java x Product.java x ElectronicProduct.java x ClothingProduct.java x BookProduct.java x Customer.java x Cart.java x Order.java x
Source History
34 Products=new Product[nProduct];
35
36 public int getnProduct() {
37     return nProduct;
38 }
39
40 public void setProducts(Product[] Products) {
41     this.Products = new Product[this.nProduct];
42 }
43
44 public Product[] getProducts() {
45     return Products;
46 }
47
48
49 public void addProduct(Product product) {
50     for (int i = 0; i < Products.length; i++) {
51         if (Products[i] == null) {
52             Products[i] = product;
53             return; //يتمتع بـ 1 الفاكهة و 1 من الأول بعد ما حطت الأوبجكت في الأترابي
54         }
55     }
56     System.out.println("the cart is full cannot add more product");
57 }
58
59
60 public void removeProduct(int z) {
61     if(z>0&& z<nProduct){
62         Products[z]=null;
63     }
64     else{
65         System.out.println("Invalid Index cannot Remove Product");
66     }
67 }
```

