

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)

<default config> 170.9/234.0MB

Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
1 public class Product {
2     protected int productId;
3     protected String name;
4     protected float price;
5
6
7     public Product(int productId, String name, float price) {
8         this.productId = Math.abs(productId);
9         this.name = name;
10        this.price = Math.abs(price);
11    }
12
13    public void setProductId(int productId) {
14        this.productId = Math.abs(productId);
15    }
16
17    public void setName(String name) {
18        this.name = name;
19    }
20
21    public void setPrice(float price) {
22        this.price = Math.abs(price);
23    }
24
25    public int getProductId() {
26        return productId;
27    }
28
29    public String getName() {
30        return name;
31    }
32 }
```

Output Opening Projects 1:1 INS Windows (CRLF)

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Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
28
29 public String getName() {
30     return name;
31 }
32
33 public float getPrice() {
34     return price;
35 }
36 }
37 class ElectronicProduct extends Product {
38     protected String brand;
39     protected int warrantyPeriod;
40     public ElectronicProduct(int productId, String name, float price, String brand, int warrantyPeriod) {
41         super(productId, name, price);
42         this.brand = brand;
43         this.warrantyPeriod = Math.abs(warrantyPeriod);
44     }
45
46     public void setBrand(String brand) {
47         this.brand = brand;
48     }
49
50     public void setWarrantyPeriod(int warrantyPeriod) {
51         this.warrantyPeriod = Math.abs(warrantyPeriod);
52     }
53
54     public String getBrand() {
55         return brand;
56     }
57
58     public int getWarrantyPeriod() {
59         return warrantyPeriod;
60     }
61 }
```

Output 1:1 INS Windows (CRLF)

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File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)

<default config> 212.8/344.0MB

Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
58 public int getWarrantyPeriod() {
59     return warrantyPeriod;
60 }
61
62 class ClothingProduct extends Product{
63     protected String size,fabric;
64     public ClothingProduct(int productid, String name, float price, String size, String fabric){
65         super(productid, name, price);
66         this.fabric=fabric;
67         this.size=size;
68     }
69
70 public void setSize(String size) {
71     this.size = size;
72 }
73
74 public void setFabric(String fabric) {
75     this.fabric = fabric;
76 }
77
78
79 public String getSize() {
80     return size;
81 }
82
83 public String getFabric() {
84     return fabric;
85 }
86 }
87
88 class bookProduct extends Product{
89     protected String author,publisher;
90     public bookProduct(int productid, String name, float price,String author,String publisher){
```

Output 1:1 INS Windows (CRLF)

18° ENG US 11:51 PM 4/21/2024

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)

<default config> 283.4/344.0MB

Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
85 }
86
87 class bookProduct extends Product{
88     protected String author,publisher;
89     public bookProduct(int productid, String name, float price,String author,String publisher){
90         super(productid, name, price);
91         this.author=author;
92         this.publisher=publisher;
93     }
94
95 public void setAuthor(String author) {
96     this.author = author;
97 }
98
99 public void setPublisher(String publisher) {
100     this.publisher = publisher;
101 }
102
103 public String getAuthor() {
104     return author;
105 }
106
107 public String getPublisher() {
108     return publisher;
109 }
110
111 }
112
```

Output 1:1 O... Windows (CRLF)

18° ENG US 11:51 PM 4/21/2024

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<default config> 212.3/344.0MB

Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
1 public class Customer {
2     protected int customerId;
3     protected String name;
4     protected String address;
5     public Customer(int customerId,String name,String address){
6         this.customerId=Math.abs(customerId);
7         this.name=name;
8         this.address=address;
9     }
10
11
12     public void setCustomerId(int customerId) {
13         this.customerId = Math.abs(customerId);
14     }
15
16     public void setName(String name) {
17         this.name = name;
18     }
19
20     public void setAddress(String address) {
21         this.address = address;
22     }
23
24     public int getCustomerId() {
25         return customerId;
26     }
27
28     public String getName() {
29         return name;
30     }
31
32     public String getAddress() {
```

Output 1:1 INS Windows (CRLF)

18° ENG US 11:51 PM 4/21/2024

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)

<default config> 208.6/344.0MB

Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x

Source History

```
1 import java.util.Scanner;
2 class Cart{
3     protected int customerId;
4     protected int nProducts;
5     protected Product[]products;
6     int currentIndex = 0;
7     public Cart(int customerId, int nProducts){
8         this.customerId=Math.abs(customerId);
9         this.nProducts=Math.abs(nProducts);
10        this.products=new Product[nProducts];
11    }
12    public void setCustomerId(int customerId) {
13        this.customerId =Math.abs(customerId);
14    }
15
16    public void setnProducts(int nProducts) {
17        this.nProducts = Math.abs(nProducts);
18    }
19
20    public void setProducts(Product[] products) {
21        this.products = products;
22    }
23
24    public int getCustomerId() {
25        return customerId;
26    }
27
28    public int getnProducts() {
29        return nProducts;
30    }
31
32    public Product[] getProducts() {
```

Output 1:1 INS Windows (CRLF)

18° ENG US 11:52 PM 4/21/2024

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)
245.1/344.0MB
Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x
Source History
31 public Product[] getProducts() {
32     return products;
33 }
34
35 public void addProduct(Product product) {
36     if (currentIndex < nProducts) {
37         products[currentIndex++] = product;
38     } else {
39         System.out.println("Cart is full. Cannot add more products.");
40     }
41 }
42
43 public void removeProduct(Product product) {
44     for (int i = 0; i < nProducts; i++) {
45         if (products[i].getProductId() == product.getProductId()) {
46             products[i] = products[nProducts - 1];
47             products[--nProducts] = null;
48             return;
49         }
50     }
51     System.out.println("Product not found in cart!");
52 }
53
54 public double calculatePrice() {
55     double total_price = 0;
56     for (int i = 0; i < nProducts; i++) {
57         total_price += products[i].getPrice();
58     }
59     return total_price;
60 }
61
62 public void Placeorder(int x) {
63     Scanner in = new Scanner(System.in);
64     if (x == 1) {
65         System.out.println("Order placed successfully");
66     } else if (x == 2) {
67         System.out.println("Order not placed");
68     }
69 }
70
71 class Order {
72     protected int customerId;
73     protected int orderId;
74     protected float totalPrice;
75     protected Product[] products;
76     public Order(int customerId, int orderId, float totalPrice, Product[] products) {
77         this.customerId = Math.abs(customerId);
78         this.orderId = Math.abs(orderId);
79         this.totalPrice = Math.abs(totalPrice);
80         this.products = products;
81     }
82     public void printOrderInfo() {
83         System.out.println("Order ID: " + orderId);
84         System.out.println("Customer ID: " + customerId);
85         System.out.println("Products:");
86         for (int i = 0; i < products.length; i++) {
87             System.out.println("Product " + (i + 1) + ": " + products[i].getName() + " - $" + products[i].getPrice());
88         }
89         System.out.println("Total Price: $" + totalPrice);
90     }
91 }
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help JavaApplication1 - Apache NetBeans IDE 19 Search (Ctrl+I)
179.3/344.0MB
Course.java x Start Page x Customer.java x Cart.java x EcommerceSystem.java x Product.java x EcommerceSystemGUI.java x
Source History
58
59
60 public void Placeorder(int x) {
61     Scanner in = new Scanner(System.in);
62     if (x == 1) {
63         System.out.println("Order placed successfully");
64     } else if (x == 2) {
65         System.out.println("Order not placed");
66     }
67 }
68
69
70 class Order {
71     protected int customerId;
72     protected int orderId;
73     protected float totalPrice;
74     protected Product[] products;
75     public Order(int customerId, int orderId, float totalPrice, Product[] products) {
76         this.customerId = Math.abs(customerId);
77         this.orderId = Math.abs(orderId);
78         this.totalPrice = Math.abs(totalPrice);
79         this.products = products;
80     }
81     public void printOrderInfo() {
82         System.out.println("Order ID: " + orderId);
83         System.out.println("Customer ID: " + customerId);
84         System.out.println("Products:");
85         for (int i = 0; i < products.length; i++) {
86             System.out.println("Product " + (i + 1) + ": " + products[i].getName() + " - $" + products[i].getPrice());
87         }
88         System.out.println("Total Price: $" + totalPrice);
89     }
90 }
```



