



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

Start Page × Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java...

Source History

```
11 public class ElectronicProduct extends Product {
12     private String brand;
13     private int warrantyPeriod;
14
15     public ElectronicProduct(int pId, String n, float p, String b, int wP) {
16         super(pId, n, p);
17         brand = b;
18         warrantyPeriod = wP;
19     }
20
21     public String getBrand() {
22         return brand;
23     }
24
25     public void setBrand(String brand) {
26         this.brand = brand;
27     }
28
29     public int getWarrantyPeriod() {
30         return warrantyPeriod;
31     }
32
33     public void setWarrantyPeriod(int warrantyPeriod) {
34         if (warrantyPeriod > 0)
35             this.warrantyPeriod = warrantyPeriod;
36         else
37             this.warrantyPeriod = Math.abs(s: productId);
38     }
39
40 }
41
42 }
```

Activate Windows  
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13:10 INS Windows (CRLF)

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ارتفاع درجات الحرارة 8:29 PM 4/22/2024

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Start Page × Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java...

Source History

```
9  * @author El Hamd
10  */
11 public class ClothingProduct extends Product {
12     private String fabric;
13     private String size;
14     public ClothingProduct(int pId, String n, float p, String s, String f) {
15         super(pId, n, p);
16         size = s;
17         fabric = f;
18     }
19     public String getFabric() {
20         return fabric;
21     }
22
23     public void setFiber(String fabric) {
24         this.fabric = fabric;
25     }
26
27     public String getSize() {
28         return size;
29     }
30
31     public void setSize(String size) {
32         this.size = size;
33     }
34
35 }
36 }
```

Activate Windows  
Go to Settings to activate Windows.

22:1 INS Windows (CRLF)

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EcommerceSystem - Apache NetBeans IDE 19

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Search (Ctrl+I)

Start Page × Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java...

```
6
7
8 public class BookProduct extends Product {
9     private String author;
10    private String publisher;
11    public BookProduct (int pId, String n, float p, String a, String pub) {
12        super(pId, n, p);
13        author = a;
14        publisher = pub;
15        public String getAuthor() {
16            return author;
17        }
18
19        public void setAuthor(String author) {
20            this.author = author;
21        }
22
23        public String getPublisher() {
24            return publisher;
25        }
26
27        public void setPublisher(String publisher) {
28            this.publisher = publisher;
29        }
30
31    }
32
```

Activate Windows  
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10:9 INS Windows (CRLF)

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25°C صافي عالجا ENG 8:31 PM 4/22/2024

EcommerceSystem - Apache NetBeans IDE 19

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Search (Ctrl+I)

...ge Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java ×

```
11 public class Customer {
12     private int customerId;
13     private String name;
14     private String address;
15     public Customer(int cId, String n, String a) {
16         customerId = cId;
17         name = n;
18         address = a;
19     }
20
21     public int getCustomerId() {
22         return customerId;
23     }
24
25     public void setCustomerId(int customerId) {
26         this.customerId = customerId;
27     }
28
29     public String getName() {
30         return name;
31     }
32
33     public void setName(String name) {
34         this.name = name;
35     }
36
37     public String getAddress() {
38         return address;
39     }
40
41     public void setAddress(String address) {
42         this.address = address;
43     }
44
```

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14:10 INS Windows (CRLF)

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25°C صافي عالجا ENG 8:31 PM 4/22/2024

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help EcommerceSystem - Apache NetBeans IDE 19

Start Page × Product.java × ElectronicProduct.java × ClothingProduct.java × BookProduct.java × Customer.java × Cart.java × Order.java × Output × EcommerceSystem.java...

```
15 public Customer(int cId, String n, String a) {
16     customerId = cId;
17     name = n;
18     address = a;
19 }
20
21 public int getCustomerId() {
22     return customerId;
23 }
24
25 public void setCustomerId(int customorId) {
26     this.customerId = customorId;
27 }
28
29 public String getName() {
30     return name;
31 }
32
33 public void setName(String name) {
34     this.name = name;
35 }
36
37 public String getAddress() {
38     return address;
39 }
40
41 public void setAddress(String address) {
42     this.address = address;
43 }
44
45 }
```

Activate Windows  
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36:1 INS Windows (CRLF)

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...ge × Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java ×

```
13 public class Cart {
14     private int customerId;
15     private int nProducts;
16     private Product[] products;
17     int length;
18     public int getCustomerId() {
19         return customerId;
20     }
21
22     public void setCustomerId(int customorId) {
23
24         this.customorId = customorId;
25     }
26
27     public int getnProducts() {
28         return nProducts;
29     }
30     public Product[] getProducts() {
31         return products;
32     }
33
34     public void setProducts(Product[] products) {
35         this.products = products;
36     }
37
38     public void setnProducts(int nProducts) {
39         this.nProducts = nProducts;
40         products = new Product[nProducts];
41         length=nProducts;
42     }
43     public void addProducts(Product p,int i){
44         products[i]=p;
45     }
46 }
```

Activate Windows  
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77:40 INS Windows (CRLF)

```
43 public void addProducts(Product p, int i) {
44     products[i]=p;
45 }
46 public void removeProduct(int i) {
47     products[i]=null;
48     length--;
49 }
50 public float calculatePrice(Product products[]) {
51     float total=0;
52     for(int i=0;i<nProducts;i++){
53         if(products[i]==null)
54             continue;
55         else
56             total+=products[i].getPrice();
57     }
58     return total;
59 }
60 public void placeOrder(int customerId) {
61     Scanner input=new Scanner(System.in);
62     Order o=new Order();
63     System.out.println("would you like to place order? 1_yes 2_no");
64     int place =input.nextInt();
65     int order=1;
66     if(place==1){
67         o.printOrderInfo(customerId, orderId:order, totalPrice: calculatePrice(products), length, products,nProducts);
68     }
69     else{
70         System.out.println("do you want to remove an item? 1-yes 2-no");
71         int x=input.nextInt();
72         if(x==1){
73             System.out.println("wich item you wish to remove?");
74         }
75     }
76 }
```

74:25 INS Windows (CRLF)

```
56 total+=products[i].getPrice();
57 }
58 return total;
59 }
60 public void placeOrder(int customerId) {
61     Scanner input=new Scanner(System.in);
62     Order o=new Order();
63     System.out.println("would you like to place order? 1_yes 2_no");
64     int place =input.nextInt();
65     int order=1;
66     if(place==1){
67         o.printOrderInfo(customerId, orderId:order, totalPrice: calculatePrice(products), length, products,nProducts);
68     }
69     else{
70         System.out.println("do you want to remove an item? 1-yes 2-no");
71         int x=input.nextInt();
72         if(x==1){
73             System.out.println("wich item you wish to remove?");
74             int index=input.nextInt();
75             index--;
76             removeProduct(index);
77             o.printOrderInfo(customerId, orderId:order, totalPrice: calculatePrice(products), length, products,nProducts);
78         }
79         System.out.println("wish you a happy day :)");
80     }
81 }
82 }
83 }
84 }
85 }
86 }
87 }
```

87:1 INS Windows (CRLF)

EcommerceSystem - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Output × EcommerceSystem.java × Cart.java × Product.java × BookProduct.java × ClothingProduct.java × Order.java × ElectronicProduct.java × Customer.java ×

Source History

```
11 public class Order {
12     private int customerId;
13     private int orderId;
14     private float totalPrice;
15     private int nProducts;
16     private Product[] products = new Product[nProducts];
17     public int getCustomerId() {
18         return customerId;
19     }
20
21     public void setCustomerId(int customerId) {
22         if (customerId > 0)
23             this.customerId = customerId;
24         else
25             this.customerId = Math.abs(customerId);
26     }
27
28     public int getOrderId() {
29         return orderId;
30     }
31
32     public void setOrderId(int orderId) {
33         if (orderId > 0)
34             this.orderId = orderId;
35         else
36             this.orderId = orderId;
37     }
38
39     public float getTotalPrice() {
40         return totalPrice;
41     }
42 }
```

Activate Windows  
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25:48 INS Windows (CRLF)

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EcommerceSystem - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Product.java × ElectronicProduct.java × ClothingProduct.java × BookProduct.java × Customer.java × Cart.java × Order.java × Output - EcommerceSystem (run) × Ecomm...

Source History

```
33 public void setOrderId(int orderId) {
34     if (orderId > 0)
35         this.orderId = orderId;
36     else
37         this.orderId = orderId;
38 }
39
40 public float getTotalPrice() {
41     return totalPrice;
42 }
43 public int getnProducts() {
44     return nProducts;
45 }
46
47 public void setnProducts(int nProducts) {
48     this.nProducts = nProducts;
49 }
50
51 public Product[] getProducts() {
52     return products;
53 }
54
55 public void setProducts(Product[] products) {
56     this.products = products;
57 }
58
59 public void setTotalPrice(float totalPrice) {
60     if (totalPrice > 0)
61         this.totalPrice = totalPrice;
62     else
63         this.totalPrice = Math.abs(totalPrice);
64 }
```

Activate Windows  
Go to Settings to activate Windows.

8:02 INS Windows (CRLF)

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24°C صافي عال

8:09 PM 4/21/2024

```
48     this.nProducts = nProducts;
49
50
51     public Product[] getProducts() {
52         return products;
53     }
54
55     public void setProducts(Product[] products) {
56         this.products = products;
57     }
58
59     public void setTotalPrice(float totalPrice) {
60         if(totalPrice>0)
61             this.totalPrice = totalPrice;
62         else
63             this.totalPrice = Math.abs(-totalPrice);
64     }
65
66     public void printOrderInfo(int customerId , int orderId, float totalPrice, int length, Product products[],int nProducts){
67         System.out.println("Here is your order summary: ");
68         System.out.println("Order id: "+orderId+"\ncustomer id: "+customerId+"\nnumber of products: "+length);
69         System.out.println("products: ");
70         for(int i=0;i<nProducts;i++){
71             if(products[i]==null)
72                 continue;
73             else{
74                 System.out.println(products[i].getName()+" - $" +products[i].getPrice());
75             }
76         }
77         System.out.println("total price :$"+totalPrice);
78     }
79 }
```

Activate Windows  
Go to Settings to activate Windows.

```
run:
Welcome to the E-commerce System!
Please enter your id
23011565
Please Enter your name
mennna mohamed mohamed mamdouh
Please enter your address
address

How many products you want to add to the cart?
4
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
2
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
3
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
6
please enter a valid choice
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
1
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
1
your total is $1259.78
would you like to place order? 1_yes 2_no
2
do you want to remove an item? 1-yes 2-no
1
wich item you wish to remove?
1
```

Activate Windows  
Go to Settings to activate Windows.

The screenshot shows the Apache NetBeans IDE with the 'EcommerceSystem' project open. The 'Output - EcommerceSystem (run)' window displays the following text:

```
4
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
3
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
6
please enter a valid choice
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
1
wich product would you like to add? '1' for Samsung Smartphone - '2' for T-shirt - '3' for OOP book by O'Reilly
1
your total is $1259.78
would you like to place order? 1_yes 2_no
2
do you want to remove an item? 1-yes 2-no
1
wich item you wish to remove?
1
Here is your order summary:
Order id: 1
customer id: 23011565
number of products: 3
products:
OOP - $39.99
Smartphone - $599.9
Smartphone - $599.9
tatal price :$1239.79
wish you a happy day :)
BUILD SUCCESSFUL (total time: 53 seconds)
```

An 'Activate Windows' watermark is visible in the bottom right corner of the IDE window.

Thank you 😊