

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help E-COMMERCE - Apache NetBeans IDE 19 Search (Ctrl+I) TIA/EVE-MB

Projects X Files Services <default config> TIA/EVE-MB

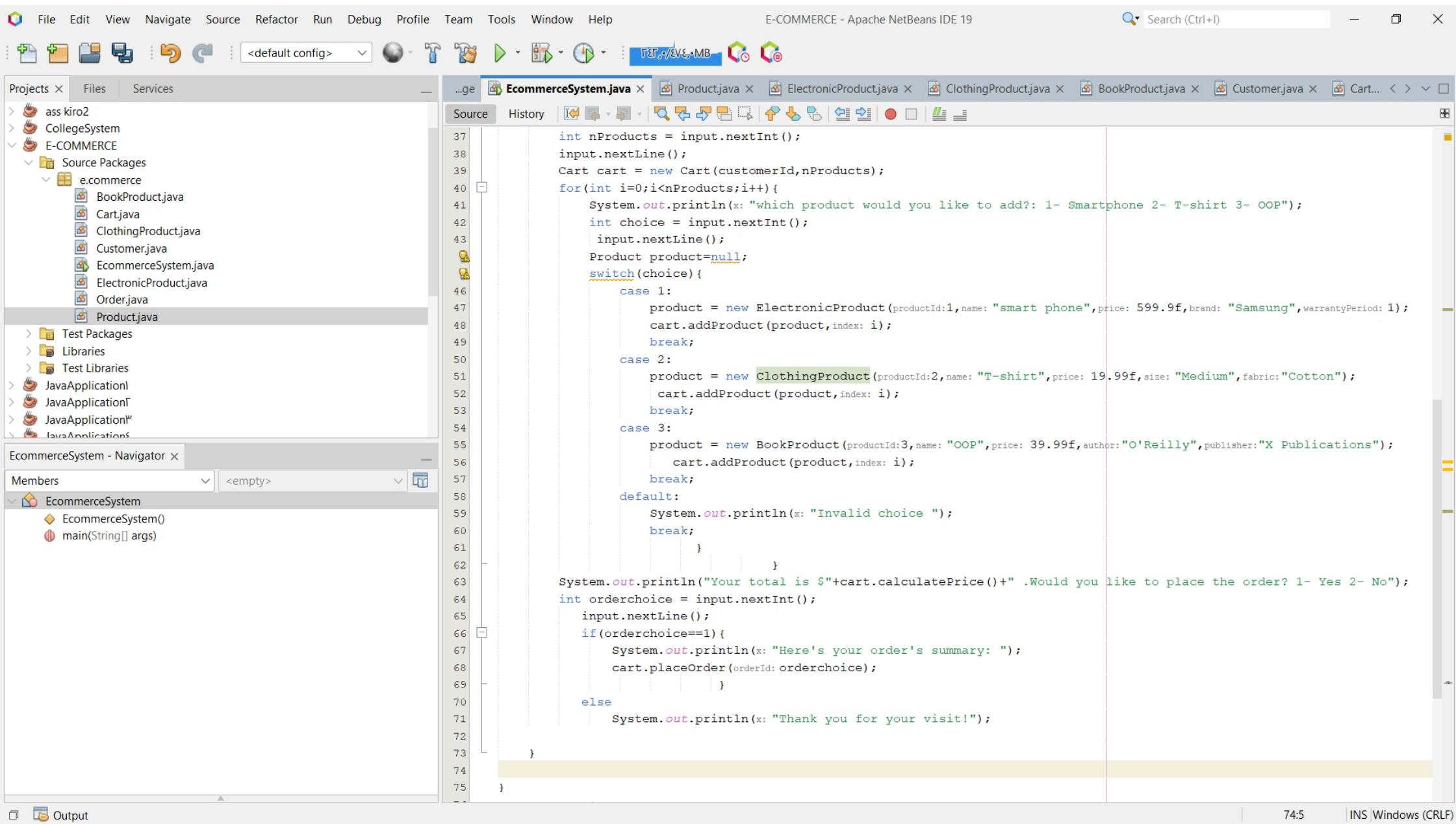
Source History Cart...

```
4 import java.util.Scanner;
5
6 public class EcommerceSystem {
7
8
9     public static void main(String[] args) {
10
11         String n = JOptionPane.showInputDialog(message: "Enter your name: ");
12         JOptionPane.showMessageDialog(parentComponent: null, "Hello "+n);
13
14         int ID = Integer.parseInt(s: JOptionPane.showInputDialog(message: "Enter your ID: "));
15         JOptionPane.showMessageDialog(parentComponent: null, "Your ID is: "+ID);
16
17         String b = JOptionPane.showInputDialog(message: "Enter your address: ");
18         JOptionPane.showMessageDialog(parentComponent: null, "Welcome to our E-commerce System, "+n+" !");
19
20         Scanner input = new Scanner(source:System.in);
21
22         ElectronicProduct e1 = new ElectronicProduct(productId:1, name: "smart phone", price: 599.9f, brand: "Samsung", warrantyPeriod: 1);
23         ClothingProduct c1 = new ClothingProduct(productId:2, name: "T-shirt", price: 19.99f, size: "Medium", fabric: "Cotton");
24         BookProduct b1 = new BookProduct(productId:3, name: "OOP", price: 39.99f, author: "O'Reilly", publisher: "X Publications");
25         Customer m1 = new Customer(customerId: 23011579, name: "Nancy", address: "address");
26
27         System.out.println(x: "Welcome to the E-commerce System! ");
28         System.out.println(x: "Please enter your ID: ");
29         int customerId = input.nextInt();
30         System.out.println(x: "Please enter your name: ");
31         String name = input.nextLine();
32         input.nextLine();
33         System.out.println(x: "Please enter your address: ");
34         String address = input.nextLine();
35         Customer customer = new Customer(customerId, name, address);
36         System.out.println(x: "How many products you want to add to your cart? ");
37         int nProducts = input.nextInt();
38         input.nextLine();
39         Cart cart = new Cart(customerId, nProducts);
40         for(int i=0;i<nProducts;i++){
41             System.out.println(x: "which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42             int choice = input.nextInt();
43         }
44     }
45 }
```

EcommerceSystem - Navigator X Members <empty>

EcommerceSystem EcommerceSystem() main(String[] args)

Output 74:5 INS Windows (CRLF)

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

The screenshot shows the Apache NetBeans IDE 19 interface. The top menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, and Help. The title bar indicates the project is "E-COMMERCE" and the version is "Apache NetBeans IDE 19". The search bar at the top right contains the placeholder "Search (Ctrl+I)".

The left sidebar displays the "Projects" view, which lists several Java projects and applications. The "E-COMMERCE" project is expanded, showing its source packages: "Source Packages" and "ecommerce". Inside "ecommerce", the following files are listed: BookProduct.java, Cart.java, ClothingProduct.java, Customer.java, EcommerceSystem.java (selected), ElectronicProduct.java, Order.java, and Product.java. Below these, "Test Packages", "Libraries", and "Test Libraries" are also visible.

The main workspace is a code editor for the file "EcommerceSystem.java". The code implements a command-line interface for a simple e-commerce system. It reads the number of products from input, creates a cart, and loops through three product choices (Smartphone, T-shirt, or OOP book). It adds selected products to the cart and prints the total price. Finally, it asks if the user wants to place the order (Yes or No).

```
int nProducts = input.nextInt();
input.nextLine();
Cart cart = new Cart(customerId,nProducts);
for(int i=0;i<nProducts;i++){
    System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
    int choice = input.nextInt();
    input.nextLine();
    Product product=null;
    switch(choice){
        case 1:
            product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
            cart.addProduct(product,index: i);
            break;
        case 2:
            product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
            cart.addProduct(product,index: i);
            break;
        case 3:
            product = new BookProduct(productId:3,name: "OOP",price: 39.99f,author:"O'Reilly",publisher:"X Publications");
            cart.addProduct(product,index: i);
            break;
        default:
            System.out.println("Invalid choice ");
            break;
    }
}
System.out.println("Your total is $" + cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
int orderchoice = input.nextInt();
input.nextLine();
if(orderchoice==1){
    System.out.println("Here's your order's summary: ");
    cart.placeOrder(orderId: orderchoice);
}
else
    System.out.println("Thank you for your visit!");
```

The bottom status bar shows the current line (74) and character position (74:5), along with the text "INS Windows (CRLF)".

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

Projects X Files Services <default config> E-commerce E-commerceSystem.java Product.java ElectronicProduct.java ClothingProduct.java BookProduct.java Customer.java Cart... Source History

```
2 package e-commerce;
3
4 @
5 public class Product {
6
7     protected int productId;
8     protected String name;
9     protected float price;
10
11    public Product(int productId, String name, float price){
12        this.productId=Math.abs(productId);
13        this.name=name;
14        this.price=Math.abs(price);
15    }
16
17    public void setProductId(int productId){
18        this.productId=Math.abs(productId);
19    }
20
21    public void setName(String name){
22        this.name=name;
23    }
24
25    public void setPrice(float price){
26        this.price=Math.abs(price);
27    }
28
29    public int getProductId(){
30        return productId;
31    }
32
33    public String getName(){
34        return name;
35    }
36
37    public float getPrice(){
38        return price;
39    }
40}
```

Members <empty>

Product

- Product(int productId, String name, float price)
- getName(): String
- getPrice(): float
- getProductId(): int
- setName(String name)
- setPrice(float price)
- setProductId(int productId)
- name : String
- price : float
- productId : int

Output 40:5 INS Windows (CRLF)

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

Projects X Files Services

> ass kiro2
> CollegeSystem
E-COMMERCE
Source Packages
e-commerce
BookProduct.java
Cart.java
ClothingProduct.java
Customer.java
EcommerceSystem.java
ElectronicProduct.java
Order.java
Product.java
Test Packages
Libraries
Test Libraries
JavaApplication1
JavaApplication2
JavaApplication3
JavaApplications

Source History

```
1 package e.commerce;
2
3
4 public class ElectronicProduct extends Product{
5
6     protected String brand;
7     protected int warrantyPeriod;
8
9
10    public ElectronicProduct(int productId, String name, float price, String brand, int warrantyPeriod) {
11        super(productId, name, price);
12        this.brand=brand;
13        this.warrantyPeriod=Math.abs(a: warrantyPeriod);
14    }
15
16    public void setBrand(String brand){
17        this.brand=brand;
18    }
19
20    public void setWarrantyPeriod(int warrantyPeriod){
21        this.warrantyPeriod=Math.abs(a: warrantyPeriod);
22    }
23
24    public String getBrand(){
25        return brand;
26    }
27
28    public int getWarrantyPeriod(){
29        return warrantyPeriod;
30    }
31
32 }
```

Members <empty>

ElectronicProduct : Product
 ElectronicProduct(int productId, String name, float price, String brand, int warrantyPeriod)
 getBrand() : String
 getWarrantyPeriod() : int
 setBrand(String brand)
 setWarrantyPeriod(int warrantyPeriod)
 brand : String
 warrantyPeriod : int

Output 30:4 INS Windows (CRLF)

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

Projects X Files Services

> ass kiro2
> CollegeSystem
E-COMMERCE
Source Packages
e-commerce
BookProduct.java
Cart.java
ClothingProduct.java
Customer.java
EcommerceSystem.java
ElectronicProduct.java
Order.java
Product.java
Test Packages
Libraries
Test Libraries
JavaApplication1
JavaApplication2
JavaApplication3
JavaApplications

Source History

```
1 package e.commerce;
2
3
4 public class ClothingProduct extends Product{
5
6     protected String size;
7     protected String fabric;
8
9
10    public ClothingProduct(int productId, String name, float price, String size, String fabric) {
11        super(productId, name, price);
12        this.size=size;
13        this.fabric=fabric;
14    }
15
16    public void setSize(String size){
17        this.size=size;
18    }
19
20    public void setFabric(String fabric){
21        this.fabric=fabric;
22    }
23
24    public String getSize(){
25        return size;
26    }
27
28    public String getFabric(){
29        return fabric;
30    }
31
32 }
33
```

Navigator X

Members <empty>

ClothingProduct :: Product

- ClothingProduct(int productId, String name, float price, String size, String fabric)
- getFabric() : String
- getSize() : String
- setFabric(String fabric)
- setSize(String size)
- fabric : String
- size : String

Output 31:6 INS Windows (CRLF)

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

Projects X Files Services <default config> E-commerce E-commerceSystem.java Product.java ElectronicProduct.java ClothingProduct.java BookProduct.java Customer.java Cart... Source History

```
1 package e.commerce;
2
3
4 public class BookProduct extends Product{
5
6     protected String author;
7     protected String publisher;
8
9
10    public BookProduct(int productId, String name, float price, String author, String publisher) {
11        super(productId, name, price);
12        this.author=author;
13        this.publisher=publisher;
14    }
15
16    public void setAuthor(String author){
17        this.author=author;
18    }
19
20    public void setPublisher(String publisher){
21        this.publisher=publisher;
22    }
23
24    public String getAuthor(){
25        return author;
26    }
27
28    public String getPublisher(){
29        return publisher;
30    }
31
32 }
33
```

Members <empty>

BookProduct :: Product

- BookProduct(int productId, String name, float price, String author, String publisher)
- getAuthor() : String
- getPublisher() : String
- setAuthor(String author)
- setPublisher(String publisher)

author : String
publisher : String

Output 31:5 INS Windows (CRLF)

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

Projects X Files Services <default config> E-commerce E-commerceSystem.java Product.java ElectronicProduct.java ClothingProduct.java BookProduct.java Customer.java Cart... < > □

Source History

```
1 package e.commerce;
2
3
4 public class Customer {
5
6     protected int customerId;
7     protected String name;
8     protected String address;
9
10    public Customer(int customerId, String name, String address) {
11        this.customerId=Math.abs(a: customerId);
12        this.name=name;
13        this.address=address;
14    }
15
16    public void setCustomerId(int customerId) {
17        this.customerId=Math.abs(a: customerId);
18    }
19
20    public void setName(String name) {
21        this.name=name;
22    }
23
24    public void setAddress(String address) {
25        this.address=address;
26    }
27
28    public int getCustomerId() {
29        return customerId;
30    }
31
32    public String getName() {
33        return name;
34    }
35
36    public String getAddress() {
37        return address;
38    }
39}
```

Members <empty>

Customer

- Customer(int customerId, String name, String address)
- getAddress(): String
- getCustomerId(): int
- getName(): String
- setAddress(String address)
- setCustomerId(int customerId)
- setName(String name)
- address : String
- customerId : int
- name : String

Output 40:8 INS Windows (CRLF)

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

Projects X Files Services <default config> 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 e.commerce;
2
3
4 public class Cart {
5
6     protected int customerId;
7     protected int nProducts;
8     protected Product []products;
9
10    public Cart(int customerId,int nProducts){
11        this.customerId=Math.abs(a: customerId);
12        this.nProducts=Math.abs(a: nProducts);
13        this.products=new Product[nProducts];
14    }
15
16    public void setCustomerId(int customerId){
17        this.customerId=Math.abs(a: customerId);
18    }
19
20    public void setNProducts(int nProducts){
21        this.nProducts=Math.abs(a: nProducts);
22    }
23
24    public void setProducts(Product []products){
25        this.products=new Product[nProducts];
26    }
27
28    public int getCustomerId(){
29        return customerId;
30    }
31
32    public int getNProducts(){
33        return nProducts;
34    }
35
36    public Product[] getProducts(){
37        return products;
38    }
39}
```

Navigator X Members <empty>

Cart

- Cart(customerId, int nProducts)
- addProduct(Product product, int index)
- calculatePrice(): float
- getCustomerId(): int
- getNProducts(): int
- getProducts(): Product[]
- placeOrder(int orderId)
- removeProduct(Product product)
- setCustomerId(int customerId)
- setNProducts(int nProducts)
- setProducts(Product[] products)
- customerId : int
- nProducts : int
- products : Product[]

Output 72:5 INS Windows (CRLF)

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

Projects X Files Services <default config> Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java X Cart.java X Order.java X

Source History

```
37     public Product[] getProducts(){
38         return products;
39     }
40
41     public void addProduct(Product product,int index){
42         if(index>=0&&index<nProducts)
43             products[index]=product;
44         else
45             System.out.println("Cart is already full");
46     }
47
48
49     public void removeProduct(Product product){
50         for(int i=0;i<nProducts;i++){
51             if(products[i]==product){
52                 products[i]=null;
53                 break;
54             }
55             System.out.println("Product isn't found in the Cart. ");
56         }
57     }
58
59     public float calculatePrice(){
60         float totalPrice=0;
61         for(Product product:products){
62             if(product!=null)
63                 totalPrice+=product.getPrice();
64         }
65         return totalPrice;
66     }
67
68     public void placeOrder(int orderId){
69         Order order = new Order(customerId,orderId,products,totalPrice:calculatePrice());
70         order.printOrderInfo();
71     }
72
73 }
74 }
```

Navigator X Members <empty>

Cart

- Cart(customerId, nProducts)
- addProduct(Product product, int index)
- calculatePrice() : float
- getCustomerId() : int
- getNProducts() : int
- getProducts() : Product[]
- placeOrder(int orderId)
- removeProduct(Product product)
- setCustomerId(int customerId)
- setNProducts(int nProducts)
- setProducts(Product[] products)
- customerId : int
- nProducts : int
- products : Product[]

Output 72:5 INS Windows (CRLF)

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

Projects X Files Services <default config> 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 e.commerce;
2
3
4 public class Order {
5
6     protected int customerId;
7     protected int orderId;
8     protected Product []products;
9     protected float totalPrice;
10
11
12     public Order(int customerId,int orderId,Product []products,float totalPrice){
13         this.customerId=Math.abs(a: customerId);
14         this.orderId=Math.abs(a: orderId);
15         this.products=products;
16         this.totalPrice=Math.abs(a: totalPrice);
17     }
18
19     public void printOrderInfo(){
20         System.out.println(x: "Order Information: ");
21         System.out.println("Customer ID: "+customerId);
22         System.out.println("Order ID: "+orderId);
23         System.out.println(x: "Products: ");
24         for(Product product:products){
25             System.out.println(product.getName()+" - "+product.getPrice()+" $");
26         }
27         System.out.println("Total price: "+totalPrice+" $");
28     }
29
30 }
31 }
```

Members <empty>

Order

- Order(int customerId, int orderId, Product[] products, float totalPrice)
- printOrderInfo()
- customerId : int
- orderId : int
- products : Product[]
- totalPrice : float

Output 29:5 INS Windows (CRLF)

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

Projects X Files Services <default config> Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History

```
37     int nProducts = input.nextInt();
38     input.nextLine();
39     Cart cart = new Cart(customerId,nProducts);
40     for(int i=0;i<nProducts;i++){
41         System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42         int choice = input.nextInt();
43         input.nextLine();
44         Product product=null;
45         switch(choice){
46             case 1:
47                 product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
48                 cart.addProduct(product,index: i);
49                 break;
50             case 2:
51                 product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
52                 cart.addProduct(product,index: i);
53                 break;
54             case 3:
55                 product = new BookProduct(productId:3,name: "OOP",price: 39.99f,author: "O'Reilly",publisher:"X Publications");
56                 cart.addProduct(product,index: i);
57             default:
58                 System.out.println("Invalid choice ");
59                 break;
60             }
61         }
62         System.out.println("Your total is $" +cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
63         int orderchoice = input.nextInt();
64         input.nextLine();
65         if(orderchoice==1){
66             }
67         }
68     }
69 }
```

Input Enter your name: Nancy OK Cancel

Output - E-COMMERCE (run) run:

E-COMMERCE (run) running... 74:5 INS

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help E-COMMERCE - Apache NetBeans IDE 19 Search (Ctrl+I) 0.8/1.008 MB

Projects X Files Services <default config> Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History

```
37     int nProducts = input.nextInt();
38     input.nextLine();
39     Cart cart = new Cart(customerId,nProducts);
40     for(int i=0;i<nProducts;i++){
41         System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42         int choice = input.nextInt();
43         input.nextLine();
44         Product product=null;
45         switch(choice){
46             case 1:
47                 product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
48                 cart.addProduct(product,index: i);
49                 break;
50             case 2:
51                 product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
52                 cart.addProduct(product,index: i);
53                 break;
54             case 3:
55                 product = new BookProduct(productId:3,name: "OOP",price: 39.99f,author: "O'Reilly",publisher:"X Publications");
56                 cart.addProduct(product,index: i);
57             default:
58                 System.out.println(" Invalid choice ");
59                 break;
60             }
61         }
62         System.out.println("Your total is $" +cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
63         int orderchoice = input.nextInt();
64         input.nextLine();
65         if(orderchoice==1){
66             }
}
```

Message

Hello Nancy

OK

Output - E-COMMERCE (run)

run:

E-COMMERCE (run) running... 74:5 INS

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

Projects X Files Services <default config> Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History |

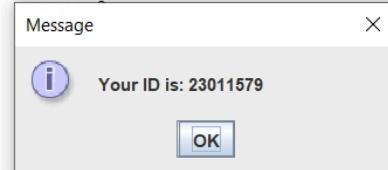
```
37     int nProducts = input.nextInt();
38     input.nextLine();
39     Cart cart = new Cart(customerId,nProducts);
40     for(int i=0;i<nProducts;i++){
41         System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42         int choice = input.nextInt();
43         input.nextLine();
44         Product product=null;
45         switch(choice){
46             case 1:
47                 product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
48                 cart.addProduct(product,index: i);
49                 break;
50             case 2:
51                 product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
52                 cart.addProduct(product,index: i);
53                 break;
54             case 3:
55                 product = new BookProduct(productId:3,name: "OOP",price: 39.99f,author: "O'Reilly",publisher:"X Publications");
56                 cart.addProduct(product,index: i);
57             default:
58                 System.out.println("Invalid choice ");
59                 break;
60             }
61         }
62         System.out.println("Your total is $" +cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
63         int orderchoice = input.nextInt();
64         input.nextLine();
65         if(orderchoice==1){
66             }
}
```

Input Enter your ID: 23011579 OK Cancel

Output - E-COMMERCE (run) run:

E-COMMERCE (run) running... 74:5 INS

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help E-COMMERCE - Apache NetBeans IDE 19 Search (Ctrl+I) Projects X Files Services Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History 37 int nProducts = input.nextInt();
38 input.nextLine();
39 Cart cart = new Cart(customerId,nProducts);
40 for(int i=0;i<nProducts;i++){
41 System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42 int choice = input.nextInt();
43 input.nextLine();
44 Product product=null;
45 switch(choice){
46 case 1:
47 product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
48 cart.addProduct(product,index: i);
49 break;
50 }
51 }
52 }
53 }
54 }
55 }
56 }
57 }
58 }
59 }
60 }
61 }
62 }
63 }
64 }
65 }
66 } 

Message Your ID is: 23011579

```
Members EcommerceSystem EcommerceSystem() main(String[] args)
```

Output - E-COMMERCE (run)
run:
 Output E-COMMERCE (run) running... 74:5 INS

The screenshot shows the Apache NetBeans IDE interface for a Java project named "E-COMMERCE". The code editor displays "EcommerceSystem.java" with logic for reading user input, creating a cart, and adding products based on choice. A message dialog box is overlaid on the code, showing the message "Your ID is: 23011579" with an "OK" button. The output window at the bottom shows the command "run:" followed by three small icons. The status bar at the bottom right indicates the run status as "running..." and the current line as "74:5".

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

Projects X Files Services <default config> Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History

```
37     int nProducts = input.nextInt();
38     input.nextLine();
39     Cart cart = new Cart(customerId,nProducts);
40     for(int i=0;i<nProducts;i++){
41         System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
42         int choice = input.nextInt();
43         input.nextLine();
44         Product product=null;
45         switch(choice){
46             case 1:
47                 product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
48                 cart.addProduct(product,index: i);
49                 break;
50             case 2:
51                 product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
52                 cart.addProduct(product,index: i);
53                 break;
54             case 3:
55                 product = new BookProduct(productId:3,name: "OOP",price: 39.99f,author: "O'Reilly",publisher:"X Publications");
56                 cart.addProduct(product,index: i);
57             default:
58                 System.out.println("Invalid choice ");
59                 break;
60             }
61         }
62         System.out.println("Your total is $" +cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
63         int orderchoice = input.nextInt();
64         input.nextLine();
65         if(orderchoice==1){
66             }
}
```

Input Enter your address: Alexandria OK Cancel

Output - E-COMMERCE (run) run:

E-COMMERCE (run) running... 74:5 INS

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Projects X Files Services <default config> Start Page X EcommerceSystem.java X Product.java X ElectronicProduct.java X ClothingProduct.java X BookProduct.java X Customer.java... < > □

Source History

```
int nProducts = input.nextInt();
input.nextLine();
Cart cart = new Cart(customerId,nProducts);
for(int i=0;i<nProducts;i++){
    System.out.println(" which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP");
    int choice = input.nextInt();
    input.nextLine();
    Product product=null;
    switch(choice){
        case 1:
            product = new ElectronicProduct(productId:1,name: "smart phone",price: 599.9f,brand: "Samsung",warrantyPeriod: 1);
            cart.addProduct(product,index: i);
            break;
        case 2:
            product = new ClothingProduct(productId:2,name: "T-shirt",price: 19.99f,size: "Medium",fabric:"Cotton");
            cart.addProduct(product,index: i);
            break;
        default:
            System.out.println(" Invalid choice ");
            break;
    }
}
System.out.println("Your total is $" +cart.calculatePrice() + ". Would you like to place the order? 1- Yes 2- No");
int orderchoice = input.nextInt();
input.nextLine();
if(orderchoice==1){
```

Message

Welcome to our E-commerce System, Nancy!

OK

Output - E-COMMERCE (run)

run:

E-COMMERCE (run) running... 74:5 INS

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```
run:  
Welcome to the E-commerce System!  
Please enter your ID:  
23011579  
Please enter your name:  
Nancy  
Please enter your address:  
Alexandria  
How many products you want to add to your cart?:  
3  
which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP  
2  
which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP  
3  
which product would you like to add?: 1- Smartphone 2- T-shirt 3- OOP  
2  
Your total is $79.97 .Would you like to place the order? 1- Yes 2- No  
1  
Here's your order's summary:  
Order Information:  
Customer ID: 23011579  
Order ID: 1  
Products:  
T-shirt - 19.99 $  
OOP - 39.99 $  
T-shirt - 19.99 $  
Total price: 79.97 $  
BUILD SUCCESSFUL (total time: 1 minutes 1 seconds)
```