

```
import java.util.Scanner;

public class EcommerceSystem {
    public static void main(String[] args) {
        int[] product;
        Electronic_Product e = new Electronic_Product(id: 1, name: "smartphone", price: 599.99f, warrentyperiod: 1, brand: "samsung");
        clothing_product cloth = new clothing_product(id: 2, name: "T-shirt", price: 19.99f, size: "cotton", fabric: "Meduim");
        book_product b = new book_product(id: 3, name: "oop", price: 39.99f, author: "O'Reilly", publisher: "X Publisher");
        Scanner input = new Scanner(source: System.in);

        System.out.println(x: "welcome to the E-commerce System !");
        System.out.println(x: "please enter your id ");
        int id = input.nextInt();
        System.out.println(x: "please enter your name");
        String nam = input.next();
        System.out.println(x: "please enter your address");
        String adres = input.next();

        customer cust = new customer(customerID: id, name: nam, address: adres);

        System.out.println(x: "How many products you want to add to your cart");
        int productnum = input.nextInt();

        cart1 c = new cart1(customerID: id, minidum: productnum);

        for (int i = 0; i < productnum; i++) {
            System.out.println(x: "which product would you like ? 1-smartphone 2-T-shirt 3-oop ");
            int num = input.nextInt();
            c.addproducts(productnum, id: num, productnum);
        }
        float tot = c.calculatePrice();
    }
}
```

E-commerceSystem (run) #

running...

(more...) (1)

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```
Scanner input = new Scanner(source:System.in);

System.out.println("welcome to the E-commerce System !");
System.out.println("please enter your id ");
int id = input.nextInt();
System.out.println("please enter your name");
String nam = input.next();
System.out.println("please enter your address");
String adres = input.next();

customer cust = new customer(customerID:id, name:nam, address:adres);

System.out.println("How many products you want to add to your cart");
int productnum = input.nextInt();

cart1 c = new cart1(customerid:id, nproduct:productnum);

for (int i = 0; i < productnum; i++) {
    System.out.println("which product would you like ? 1-smartphone 2-T-shirt 3-coop ");
    int num = input.nextInt();
    c.addproducts(productnum:num, indexnum:productnum);
}
float tot = c.calculatePrice();
String[] pro = c.get_products();
order o = new order(id, productnum, prod:pro, totalprice:tot);

System.out.println("your total is :" + tot + " would you like to place order ? 1-yes 2-no");
int dic = input.nextInt();
if (dic == 1) {
    o.orderinfo(customerid:id, products:pro, totalprice:tot);
} else {
    System.out.println("thank you for visiting our E-commerce System ");
}
```



```
28
29
30     public void set customerid(int customerid) {
31         this.customerid = Math.abs(a: customerid);
32     }
33
34     public int get customerid() {
35         return customerid;
36     }
37
38     public void set nproduct(int nproducts) {
39         this.nproducts = nproducts;
40     }
41
42     public int get nproduct() {
43         return nproducts;
44     }
45
46     public void set products(int nproduct){
47         products = new String[nproducts];
48
49     }
50
51     public void addproducts(int productnum,int indexnum) {
52         products = new String[indexnum];
53
54         if (productnum == 1) {
55             products[0] = "smartphone";
56             totalprice += 599.99;
57         } else if (productnum == 2) {
58             products[1] = "T-shirt";
59             totalprice += 19.99;
60         } else if (productnum == 3) {
61             products[2] = "cap";
62             totalprice += 39.99;
63         } else {
64             System.out.println("there isn't more product");
65         }
66     }
67
68
69
70
71
72
73
74
```

E-commerceSystem (run) #T

running



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Notifications Output Usages

Search bar placeholder: Enter to search



```
Product.java X product.java X customer.java X ElectronicProduct.java X order.java X clothing_product.java X book_product.java X cart1.java X E-commerceSystem.java
```

History

```
        , else if (productnum == 2) {
            products[1] = "T-shirt";
            totalprice += 19.99;
        } else if (productnum == 3) {
            products[2] = "oop";
            totalprice += 39.99;
        } else {
            System.out.println("there isn't more product");
        }
    }

    public String [] get_products() {return products;}

    public void removeproduct(int productnum) {
        for (int i = 1; productnum <= nproducts; i++) {
            if (productnum == 1) {
                products[i] = "null";
            } else if (productnum == 2) {
                products[i] = "null";
            } else if (productnum == 3) {
                products[i] = "null";
            } else {
                System.out.println("there isn't more product");
            }
        }
    }

    public float calculatePrice() {
        return totalprice;
    }
}
```

E-commerceSystem (run) #1

```
* @author HP 15ZBOOK G3
*/
public class book_product extends product {

    String author;
    String publisher;

    public book_product(int id, String name, float price, String auther, String publisher) {
        super(productID:id, name, price);
        this.author = auther;
        this.publisher = publisher;
    }

    public void set_author(String author) {
        this.author = author;
    }

    public void set_publisher(String publisher) {
        this.publisher = publisher;
    }

    public String get_author() {
        return author;
    }

    public String get_publisher() {
        return publisher;
    }
}
```

The screenshot shows a Java IDE interface with the following details:

- Toolbar:** Includes standard icons for file operations (New, Open, Save, Print), project management (Project Explorer, Navigator, Properties), and code navigation (Search, Find, Replace, Go To, Go To Type, Go To Declaration).
- MenuBar:** Shows "<default config>" in the top-left corner.
- Project Explorer:** On the left, it lists several Java files: Start Page, product.java, customer.java, Electronic_Product.java (which is the active tab), orderjava, clothing_product.java, book_product.java, and config.java.
- Source Editor:** The main area displays the code for the Electronic_Product class. The code includes comments about license and template, author information (@author HP 15ZBOOK G3), and methods for setting brand and warranty period, and getting brand and warranty period.

```
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
6  /**
7   *
8   * @author HP 15ZBOOK G3
9   */
10
11 public class Electronic_Product extends product {
12     String brand;
13     int warrentyperiod;
14
15     public Electronic_Product(int id, String name, float price,int warrentyperiod ,String brand) {
16         super(productID:id, name, price);
17
18     }
19     public void set_brand(String brand){
20         this.brand=brand;
21     }
22     public void set_warrantyperiod(int warrentyperiod){this.warrentyperiod=Math.abs(a: warrentyperiod);}
23     public String get_brand(){return brand;}
24     public int get_warrantyperiod(){return warrentyperiod;}
25 }
```

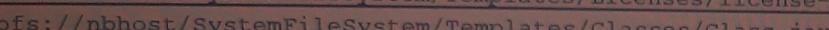
```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */

/**
 *
 * @author HP 15ZBOOK G3
 */
public class order {

    int customerid;
    int nproduct;
    String [] products ;
    float totalprice;

    public order(int id,int productnum,String [] prod,float totalpric){
        customerid= id;
        nproduct =productnum;
        products= prod ;
        totalprice=totalpric;
    }

    public void orderinfo(int customerid,String []products,float totalprice ){
        System.out.println("order ID :1");
        System.out.println("customer ID"+customerid);
        System.out.println("products"+products);
        System.out.println("total price"+totalprice);
    }
}
```

```
source History  clothing_product.java x book_product.java x card.java x 

```
/*
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 */

/**
 *
 * @author HP 15ZBOOK G3
 */
public class clothing_product extends product {

 private String size;
 private String fabric;

 public clothing_product(int id, String name, float price, String size, String fabric) {
 super(productID:id, name, price);
 this.fabric = fabric;
 this.size = size;
 }

 public void set_size(String size) {
 this.size = size;
 }

 public void set_fabric(String fabric) {
 this.fabric = fabric;
 }

 public String get_size() {
 return size;
 }

 public String get_fabric() {
 return fabric;
 }
}
```


```

Source History

```
1  /*
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4   */
5
6  /**
7   *
8   * @author HP 15ZBOOK G3
9   */
10 public class customer {
11     private int customerID;
12     private String name;
13     private String address;
14     public customer (int customerID ,String name,String address){
15
16         this.name=name;
17         this.customerID=customerID;
18         this.address=address;
19
20     }
21     public void set_customerID(int customerID) {
22         this.customerID=Math.abs(a: customerID);
23     }
24     public void set_name(String name) {
25         this.name=name;
26     }
27     public void set_address(String address){this.address=address; }
28
29     public int get_customerID(){return customerID;}
30     public String get_name(){return name;}
31     public String get_address(){return address;}
32
33
34 }
```

```
1  /*
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3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4   */
5
6  /**
7   *
8   * @author HP 15ZBOOK G3
9   */
10 public class product {
11
12     protected int productID;
13     protected String name ;
14     protected float price ;
15
16
17     public product (int productID ,String name ,float price){
18         this.name=name;
19         this.productID=productID;
20         this.price=price;
21     }
22
23
24     public void set_productID(int productID){
25         this.productID = Math.abs(: productID);
26     }
27     public void set_name(String name){
28         this.name=name;
29     }
30     public void set_price(float price){
31         this.price=Math.abs(: price);
32     }
33     public int get_productID(){return productID ;}
34     public String get_name(){return name;}
35     public float get_price(){return price;}
36
37
```

E-commerceSystem (run) #T

running...