



*Practice2.java

*Product.java X

```
3 public class Product {
4
5     private String id;
6     private String name;
7     private int quantity;
8     private float price;
9
10    public Product(String id, String name, int quantity, float price) {
11        super();
12        this.id = id;
13        this.name = name;
14        this.quantity = quantity;
15        this.price = price;
16    }
17
18    public String getId() {
19        return id;
20    }
21
22    public void setId(String id) {
23        this.id = id;
24    }
25
26
27    public String name() {
28        return name;
29    }
30
31    public void setName(String name) {
32        this.name = name;
33    }
34
35    public int getQuantity() {
36        return quantity;
37    }
38
39    public void setQuantity(int quantity) {
40        this.quantity = quantity;
41    }
42}
```




```
}
```

```
public int getQuantity() {  
    return quantity;  
}
```

```
public void setQuantity(int quantity) {  
    this.quantity = quantity;  
}
```

```
public float getPrice() {  
    return price;  
}
```

```
public void setPrice(float price) {  
    this.price = price;  
}
```



```
40 public void setPrice(float price) {
41     this.price = price;
42 }
43 class Cart{
44     ArrayList<Product> productList = new ArrayList<>();
45
46     public float netPrice() {
47         float totalPrice=0;
48         for(Product p : productList) {
49             totalPrice = totalPrice+ p.getQuantity()*p.getPrice();
50         }
51         return totalPrice;
52     }
53     public int totalItem() {
54         int totalItem=0;
55         for(Product p : productList) {
56             totalItem= totalItem+ p.getQuantity();
57         }
58         return totalItem;
59     }
}
```