ava code based on the following specifications. Note
ecifications in a precise manner. Consider default
ethods unless mentioned otherwise.

Double price):

visibility
r you

ring productName)

g productName, int id)

```java
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

class Product {
    //Write Your Code Here..
    Integer id;
    String name;
    Double price;

    public Product(Integer id,String name,Double price){
        this.id=id;
        this.name=name;
        this.price=price;
    }

    public void setId(Integer id) {
        this.id = id;
    }

    public Integer getId() {
        return id;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getName() {
        return name;
    }

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

    public Double getPrice() {
        return price;
    }

    @Override
    public String toString() {
```

Description

Your task here is to implement a Java code based on the following specifications. Note that your code should match the specifications in a precise manner. Consider default visibility of classes, data fields, and methods unless mentioned otherwise.

specifications:

```
class definitions
  class Product:
    data members
      id: Integer
      name: String
      price: Double
    visibility: private

  duct(Integer id, String name, Double price):
  ibility: public
  e getter setters with public visibility
  ng(): has been implemented for you

  lementation:
  tCount(List<Product> list, String productName)
  pe: Long
  y: public

  ils(List<Product> list, String productName, int id)
   Product
  ublic
```

e id
name
price

ter setters according to the above specifications

```java
35      public void setPrice(Double price) {
36          this.price = price;
37      }
38
39      public Double getPrice() {
40          return price;
41      }
42
43      @Override
44      public String toString() {
45          return "Product{" +
46                  "id=" + id +
47                  ", name='" + name + '\'' +
48                  ", price=" + price +
49                  '}';
50      }
51  }
52
53  class Implementation{
54      //write Your Code Here..
55
56      public Long getProductCount(List<Product> list,String productName){
57          long l=0;
58          for(Product p:list){
59              if(p.getName().equals(productName))
60                  l++;
61          }
62          return new Long(l);
63
64      }
65
66      public Product getProductDetails(List<Product> list,String productName,int id){
67          long l=0;
68          for(Product p:list){
69              if((p.getId()).intValue()==id && p.getName().equals(productName))
70                  return p;
71          }
72          return null;
73
74      }
75  }
76
77  public class Source {
78      public static void main(String args[] ) throws Exception {
79          /* Enter your code here. Read input from STDIN. Print output to STDOUT */
80      }
81  }
```

Autocomplete reconnecting...