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import java.util.List;
import java.util.Arrays;
import java.util.Iterator;
class Product {
private int id;
private String name;
private double price;
public Product (int id,String name,double price) {
this.id=id;
this.name=name;
this.price=price;
}
public int getId() {
return id;
}
public void setId(int id) {
this.id=id;
}
public String getName() {
return name;
}
public void setName(String name) {
this.name=name;
}
public double getPrice() {
return price;
}
public void setPrice(double price) {
this.price=price;
}
@Override
public String toString() {
return "Product {id=" + id + ", name=" + name + ", price=" + price + "}";
}
}
class Implementation{
public long getProductCount(List<Product>list,String productName) {
long count=0L;
Iterator<Product>itr=list.iterator();
while(itr.hasNext()) {
Product i=itr.next();
if(i.getName().equals(productName)) {
count++;
}
}
return count;
}
public Product getModelDetails (List<Product>list,String productName,int id) {
Iterator<Product>itr=list.iterator();
while(itr.hasNext()) {
Product i=itr.next();
if(i.getName().equals(productName)||i.getId()==id) {
return i;
}
}
}
}

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return null;
}
}
class Check{
public static void main(String[] args) {
// TODO Auto-generated method stub
Product pr1=new Product(1,"jade",44.9);
Product pr2=new Product(2,"jane",25.50);
Product pr3=new Product(3,"Bandeja Paisa",35.4);
Product pr4=new Product(4,"tortilla",15.0);
List<Product> products=Arrays.asList(pr1,pr2,pr3,pr4);
Implementation im=new Implementation();
System.out.println(im.getProductCount(products, "tortilla"));
System.out.println(im.getModelDetails(products, "tortilla", 4));
}
}
```