4-3

import java.util.function.Consumer;  
import java.util.function.Function;  
import java.util.function.Predicate;  
import java.util.function.Supplier;  
  
public class assignment403 {  
 static Product *product*=new Product("purfume");  
  
 static int modifyValue(int a, Function<Integer, Integer> b)  
 {  
 return b.apply(a);  
 }  
  
 static void modifyValue()  
 {  
 Consumer<Product> updateName = a -> a.setName("Axe perfume");  
 updateName.accept(*product*);  
 }  
  
 static class Product {  
 String name;  
 Product(String name)  
 {  
 this.name=name;  
 }  
 public void setName(String name)  
 {  
 this.name=name;  
 }  
 public String getName()  
 {  
 return this.name;  
 }  
 }  
  
 static void display()  
 {  
  
 System.*out*.println(*product*.getName());  
  
 @SuppressWarnings("deprecation")  
 Supplier<Integer> supplier = () ->new Integer((int) (Math.*random*() \* 1000D));  
 System.*out*.println(supplier.get());  
  
 Function<Integer, Integer> multiply = (value) -> value \* 3;  
 Integer resultLambda = multiply.apply(8);  
 System.*out*.println("resultLambda = " + resultLambda);  
  
 Predicate<String> predicate = (value) -> value.length()>5;  
 System.*out*.println(predicate.test(*product*.getName()));  
 }  
  
 public static void main(String[] args) {  
 *modifyValue*();  
 *display*();  
 }  
}