

```
1 package murach.data;
2
3 import java.io.*;
4
5
6
7
8 public class ProductIO {
9
10     public static Product getProduct(String code, String filepath) {
11         try {
12             File file = new File(filepath);
13             BufferedReader in = new BufferedReader(
14                 new FileReader(file));
15
16             String line = in.readLine();
17             while (line != null) {
18                 StringTokenizer t = new StringTokenizer(line, "|");
19                 String productCode = t.nextToken();
20                 if (code.equalsIgnoreCase(productCode)) {
21                     String description = t.nextToken();
22                     double price = Double.parseDouble(t.nextToken());
23                     Product p = new Product();
24                     p.setCode(code);
25                     p.setDescription(description);
26                     p.setPrice(price);
27                     in.close();
28                     return p;
29                 }
30                 line = in.readLine();
31             }
32             in.close();
33             return null;
34         } catch (IOException e) {
35             System.err.println(e);
36             return null;
37         }
38     }
39
40     public static ArrayList<Product> getProducts(String filepath) {
41         ArrayList<Product> products = new ArrayList<Product>();
42         File file = new File(filepath);
43         try {
44             BufferedReader in = new BufferedReader(
45                 new FileReader(file));
46
47             String line = in.readLine();
48             while (line != null) {
49                 StringTokenizer t = new StringTokenizer(line, "|");
50                 String code = t.nextToken();
51                 String description = t.nextToken();
52                 String priceAsString = t.nextToken();
53                 double price = Double.parseDouble(priceAsString);
54                 Product p = new Product();
55                 p.setCode(code);
56                 p.setDescription(description);
57                 p.setPrice(price);
58                 products.add(p);
59                 line = in.readLine();
60             }
61             in.close();
62             return products;
63         } catch (IOException e) {
64             System.err.println(e);
65             return null;
66         }
67     }
68 }
```

ProductIO.java

Δευτέρα, 16 Νοεμβρίου 2020, 1:23 μ.μ.

```
66      }  
67    }  
68 }
```