



Asignatura / *Gaia*

Software Engineering

Curso / *Kurtsoa*

3º

Nombre / *Izena*

Fecha / *Data*

18-02-2022

The files to solve this evaluation test are in:

<https://github.com/nicolasserrano/CS/tree/master/webapps/northbrick1>

Delivery instructions are in the ADI content area.

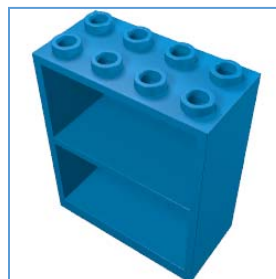
The images of the products are at the address:

<http://northbrick1.appspot.com/images/<codeld>.png>

for example:

<http://northbrick1.appspot.com/images/1.png>

<http://northbrick1.appspot.com/images/5.png>



And they can be shown in the web page with the following tag, for example:

``

Exercise 1 (5 points)

Develop a Servlet named **ProductCards** that lists all the products returned by the `getProductList()` function in the `ProductDataMockup` class.

The title after the menu should be:

“Products by YOUR NAME AND LAST NAME”.

Each product must be in a table with the following fields: product name, image, code Id, company name and price. The price should be inside an `` element.

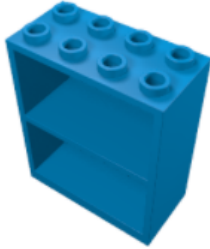
The format should be similar to the one shown in the image.

The process for obtaining product images is explained on the previous page.

Home	Products	Last product	Orders	Last order	Category 45
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Products

Homemaker Bookcase 2 x 4 x 4



Code:

1

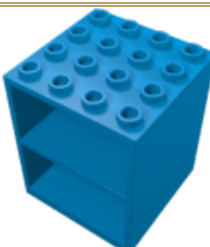
Company:

Brick Manufactures, Co.

Price:

0.0337

Homemaker Cupboard 4 x 4 x 4



Code:

2

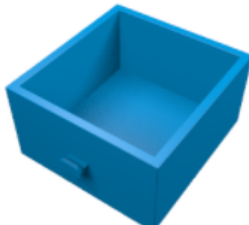
Company:

Brick Manufactures, Co.

Price:

0.0381

Homemaker Drawer 4 x 4 x 2



Code:

3

Company:

Brick Manufactures, Co.

Price:

0.0314

Fabuland Fire Ladder Holder 2 x 4 x 2 1/2

Mark the sections you have done:

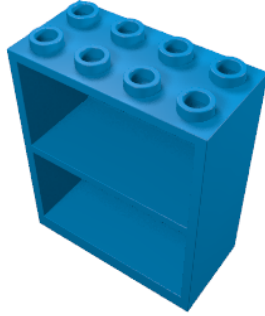
- ☐ The solution is in the folder `SE2022_02_18` and compressed in the `SE2022_02_18.zip` file (1.0 point)
- ☐ The solution shows your firstname and lastname before the products (0.5 point)
- ☐ The solution shows the name of the fields “Code”, “Company”, “Price” for each product (0.5 point)
- ☐ The solution shows the list of products with the specified fields (1 points)
- ☐ The solution shows the list of products in the format of a table by product (1 points)
- ☐ The solution shows the images of the products (1.0 point)

Exercise 2 (5 points)

In the folder of the evaluation test, you will find the **ProductCardsJS.html** file. This file includes the file **products.js**. Currently this file only shows an alert. You should modify the **products.js** file to add a button next to the price value (fifth row of each table, second cell) with the caption "Edit".

Products

Homemaker Bookcase 2 x 4 x 4



Code:

1

Company:

Brick Manufactures, Co.

Price:

0.0337

Edit

When the user clicks the "Edit" button, the span tag with the price will include an input field with the previous value of the price and the name of the button will change to "Modify price". When the user changes the price and clicks on the button, an alert is displayed with the name of the product and the new price.

Note: the button can be implemented with an input of type button:

```
<input type="button" value="Edit"
onclick="alert('message')">
```

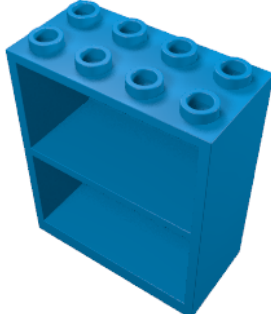
Hom 45

localhost:8082 says

Product: Homemaker Bookcase 2 x 4 x 4 price: 0.042

OK

Homemaker Bookcase 2 x 4 x 4



Code:

1

Company:

Brick Manufactures, Co.

Price:

0.042

Modify price

Mark the sections you have done:

- ☐ The solution shows the button in one of the products (1.5 point)
- ☐ The solution shows the button for all the products (1.5 point)
- ☐ The onclick event of the Edit button creates the input of the price and change the button (1.0 point)
- ☐ The onclick event of the "Modify price" button shows the alert with the information (1.0 point)

Additional exercise 3 (1 points)

Create a servlet named **ProductCardsJSON** that sends the information of **ProductCards** servlet in a JavaScript array (JSON format) with a JavaScript function that represents the information in the same way as Exercise 1.

☐ Done

