Name

B00

username

id

Tecnun
Universidad
de Navarra

ESCUELA DE INGENIERÍA
INGENIARITZA ESKOLA
SCHOOL OF ENGINEERING

Asignatura / *Gaia*	Curso / *Kurtsoa*
Software Engineering	**3º**
Nombre / *Izena*	Fecha / *Data*
Name	**16-02-2023**

You will find the files to solve this evaluation test in the following folder:

`https://github.com/nicolasserrano/CS/tree/master/webapps/SE2023_02_16`

Delivery instructions are in the ADI content area.

The images of the books are at the following url:

`https://books.google.com/books/content?printsec=frontcover&img=1&zoom=1&id=<code>`

For example:

https://books.google.com/books/content?printsec=frontcover&img=1&zoom=1&id=LpctBAAAQBAJ

They appear on the web page using the *img* tag, for example:

<img src='https://books.google.com/books/content?printsec=frontcover&img=1&zoom=1&id=LpctBAAAQBAJ'>

For exercise 2, use zoom=3 to get a larger version of the image:

`https://books.google.com/books/content?printsec=frontcover&img=1&zoom=3&id=<code>`

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Exercise 1 (5 points)

Develop a servlet called **BookList** that lists all the books returned by the `getBookList()` function in the `BookDataMockup` class.

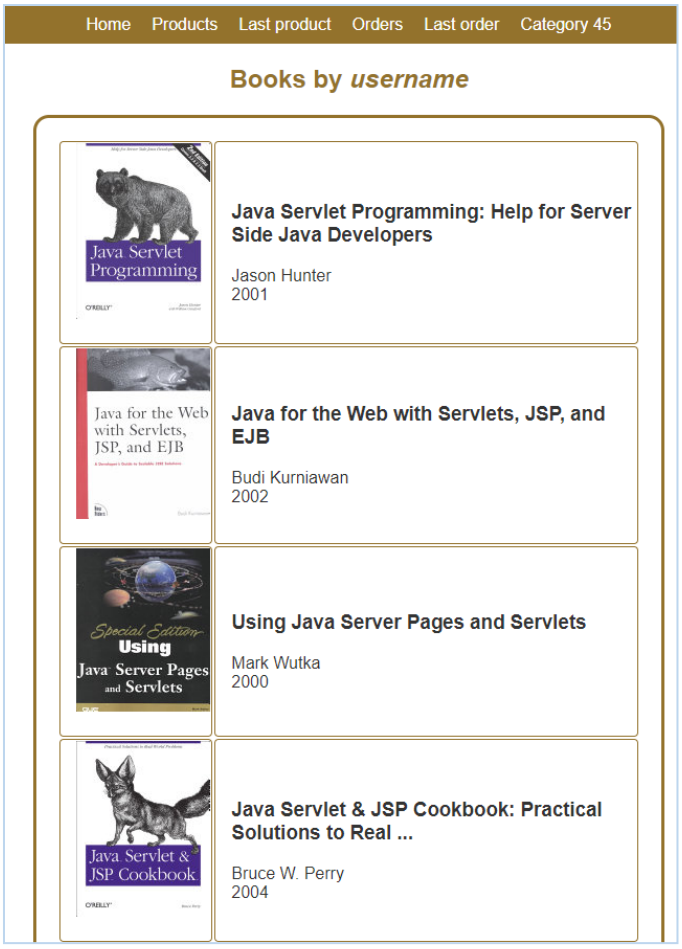
The title after the menu should be:
"Books by your username".
Example: "Books by nserranob"

Each book must be in a two column table with the following structure for each row:

- First cell: image
- Second cell: Title, author and year

The format should be similar to the one shown in the image.
Note that the title is an h3 and the author and year are in div elements.

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



Mark the sections you have done:

- ☐ *The solution works and is in the folder SE2023_02_16 and compressed in the SE2023_02_16.zip file (1.0 point)*
- ☐ *The solution shows your username before the books (0.5 point)*
- ☐ *The solution shows a row for each book (0.5 point)*
- ☐ *The solution shows the list of books with the specified fields (1 points)*
- ☐ *The solution shows the list of books with the format of the image (1 points)*
- ☐ *The solution shows the images of the books (1.0 point)*

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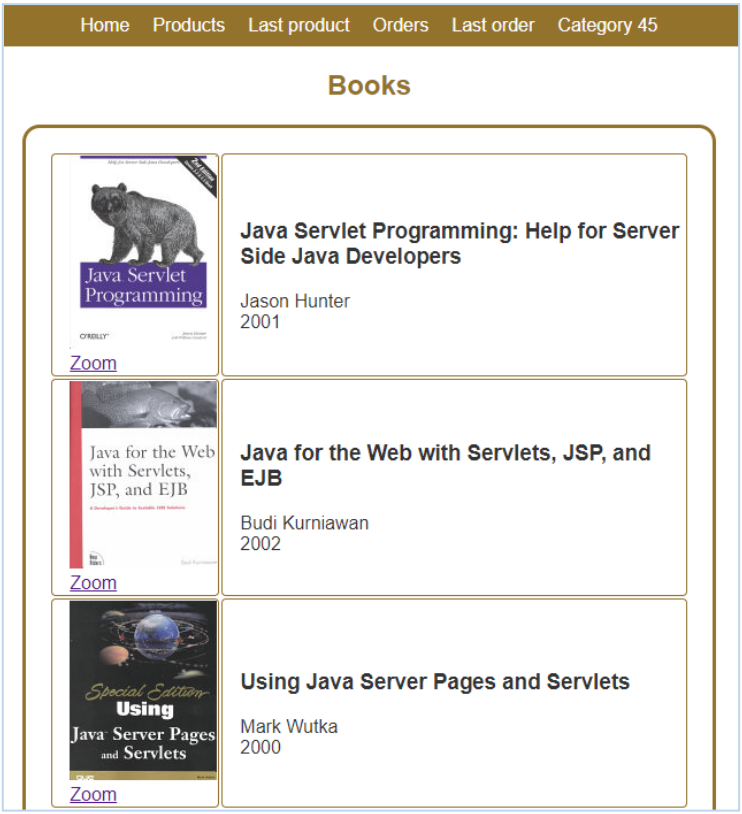
Exercise 2 (4 points)

In the evaluation test folder, you will find the **BooksListJS.html** file. This file includes the file *books.js*. Currently this file only shows an alert. You should modify the *books.js* file to add a link below each book image. Currently there is an empty element.

When the user clicks the link, it opens a larger version of the image (See first page).



Mark the sections you have done:

- ☐ *The solution shows the link in one of the* books *(1.5 point)*
- ☐ *The solution shows the link for all the* books *(1.5 point)*
- ☐ *The links open the specified image (1.0 point)*

Exercise 3, JSON (1 points)

Using the file listBooks.js file, create a web page called **BooksJSON.html** that displays the same page as exercise 1.

- ☐ *Done*