



EXERCISE 1 (4 POINTS)

Develop a Servlet named **ProductOrdersListMockup** that lists all the order lines returned by the function `getProductOrdersList()` in the class **ProductOrdersData.java**.

The file is in <https://github.com/nicolasserrano/CS/tree/master/webapps/northbrickExEvTest>.

The line "Developed by **your name**, card id: **your card id**" should appear under the title.

The first row of the table will include the following fields' names : Order Id, Customer Id, Customer Name, Quantity.

For each row, you should show the values of these fields. The row will also have a link to `ProductOrderEditMockup` with the parameter `id` and the value will be a consecutive number from 1 to 5. Example: `ProductOrderEditMockup?id=1` for the first one. This servlet already exists and you can use it to test the validity of the link.

Home	Products	Last product	Orders	Last order	Categories	C
List of Orders of Hero Factory Weapon - Rubber E						
Developed by Juanfran, card id: A904161						
Order Id	Customer Id	Customer Name				
10317	LONEP	Lonesome Pine Restaurant				
10368	ERNSH	Ernst Handel				
10369	ERNSH	Ernst Handel				

Check the sections you have done:

- ☐ The solution shows your name and card before the table (1 point)
- ☐ The solution shows the list of fields in the first row of the table (1 point)
- ☐ The solution shows the list of Products with the specified fields and link (2 points)
- ☐ The solution shows a link to the `OrderEdit` servlet (1 point)

EXERCISE 2 (4 POINTS)

In the folder <https://github.com/nicolasserrano/CS/tree/master/webapps/northbrickExEvTest>, you will find the **ProductList.html** file. This file shows the products that are in 4 or more orders.

Product	Product Name	
92218	Hero Factory Weapon - Rubber Blade, Long	Product orders
973psx	Minifig Torso with SW Dark Red Robe Print	Product orders
67c01	Technic Pneumatic Airtank	Product orders
3876	Minifig Shield - Round with Stud	Product orders
32294	Technic Wishbone Suspension Arm	Product orders
30303	Plate Special 6 x 6 x 2/3 Cross with Dome	Product orders
2446p51	Minifig Helmet Standard with Silver and Blue Machinery Print	Product orders

Create a copy of ProductList.html and name it **ProductListJS.html**. In this file you should add, the button “Edit name” (preferably with JavaScript) to one of the products, or better to all the products (**). This button will be placed in the last column, currently empty but with an id attribute. The button adds a form, preferably with JavaScript when it is clicked.

The form will have the field “productId” (not editable) and the field “productName” (preferable initialised with the current name of the product *).

Product	Product Name		
92218	Hero Factory Weapon - Rubber Blade, Long	Product orders	Edit Name
973psx	Minifig Torso with SW Dark Red Robe Print	Product orders	Edit Name
67c01	Technic Pneumatic Airtank	Product orders	Edit Name
3876	Minifig Shield - Round with Stud	Product orders	Edit Name
32294	Technic Wishbone Suspension Arm	Product orders	Edit Name
30303	Plate Special 6 x 6 x 2/3 Cross with Dome	Product orders	Edit Name
2446p51	Minifig Helmet Standard with Silver and Blue Machinery Print	Product orders	Edit Name

Product ID	92218
Product Name	Hero Factory Weapon - Rubl
Send	

The form will call the servlet '**ProductNameEdit**'. The servlet **ProductNameEdit** will be developed in Exercise 3.

- ☐ The solution shows the “Edit name” button in the last column (1.5 point)
- ☐ The solution creates the form with the defined style (2 points)
- ☐ (*) The solution sets the current value of the Product name (0.5 points)
- ☐ (**) The solution creates the button for all the rows (1 point)

ADDITIONAL EXERCISE

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

- ☐ Done (1 point)