
Assignment 1

There is no report to hand in for assignment 1.

Lab time for this assignment is week 34 (August 18 to August 22).

Task 1

Create a web page with two HTML buttons (e.g. tag **button**), push and pop, and a input field (i.e. tag **input**) where the user can write some text.

When the user clicks the push button, the user input is pushed onto a stack. At a click on the pop button, the value at the top of the stack is removed, and showed to the user in the web page. eg. inside a HTML span element (i.e. tag **span**).

Tip: This task can be solved with an Array instance. Check the use of the Array methods push and pop, see e.g. [Array - JavaScript | MDN](#).

Task 2

Create a web page where the user can supply two dates. JavaScript code should display the number of days between the dates, using e.g. a HTML span element (i.e. tag **span**).

Task 3

Create a web page where the user can supply a date and a locale. An example of a locale is “nb-NO” for Norwegian, Bokmål. The web page should then show the week day of the date (e.g. “Mandag”) using the specified locale.

Tip: Check e.g. the documentation of the **Date** method [toLocaleDateString](#).

For locale names, see e.g. [International Components for Unicode \(ICU\) Data](#), [Country Code Language List](#), or www.iana.org.

Task 4: Set up your IDE

Later in the course you will be given a mandatory JavaScript assignment. This assignment requires a server side solution that has been made ready for you by the lecturer. From past experiences, several students have problems when trying import the server side part of the application. The task of this exercise is to import and run the server side in time for the later mandatory assignment.

The server side part of the application, **TaskList** is distributed as an Eclipse project:

- **apitemplate.zip**

The archive also includes demonstrations of the serve side API.

In the later mandatory assignment, you will be asked to extend on the **TaskList** project.

The solutions should also run on IntelliJ. For IntelliJ you must extract the code from the Eclipse zip archives and copy the code to IntelliJ.

Install and configure Eclipse according to instructions found on the course Canvas pages, then import the above project.

Start the **TaskList** application, and then navigate in your browser to the URL

<http://127.0.0.1:8080/TaskList/demo/tasklist.html>. You should then see the web page below.



If you choose to use another IDE, you must manage the above set up by yourself.