

Mandatory assignment 2

Documents to hand in

You need to write a short report with screenshots of both your code and your results, where you show chronological that you have answered all the questions. In addition to this, I want a working version of your video watcher html file (after exercise 3 or 4). In other words, your code must be able to run and do what is asked for.

The deadline is Friday November 6th at 23:59 in the appropriate Fronter folder.

Exercise 1

In this exercise, you will practice using JSON to build up dynamically HTML. The starter webpage already has the videos described in JSON and functions that turn them into an interactive list.

Download [json_starter.html](#) into your favourite html/javascript editor.

Read the code to make sure you understand how it works

- 1.1 Add an additional video to the JSON, so that you have 4 videos listed
- 1.2 When you click on the video, it shows the video player on the side. Make it so that it also shows an h2 with the video title above the iframe.
- 1.3 Add an "author" property to each video in the JSON and display that next to the title.

Exercise 2

Now we are going to change our youtube-website a little bit. First read here about how you use the OMDb api: <http://www.omdbapi.com/>

- 2.1 First adjust your embedded JSON code to contain 4 movie trailers in stead of random videos
- 2.2 Below the video playing, add the imdb rating and the rotten tomatoes rating of that video
- 2.3 Personalize your site, look at the JSON object and add data that you find interesting in any design you want (e.g. actors, year, images etc.)

Tip – use the browser's developer tool to examine your code (usually F12)

The Imitation Game - MOVIECLIPS Trailers



IMDB rating: 8.2 Rotten tomatoes rating: 7.7

Exercise 3

This is your freestyle exercise. Use the omdb api to do something new - either in JSON format. E.g. add a TV series to the movie list and output some information about that, or add the runtime in the format of hours and minutes. Argument over your choices.

Exercise 4 (EXTRA)

This is not mandatory.

Add an about site to the video watcher page. Here you add whatever data you want about you as the author of this page. Add a google map using the Google Map API, where you show where you live.