DVA231

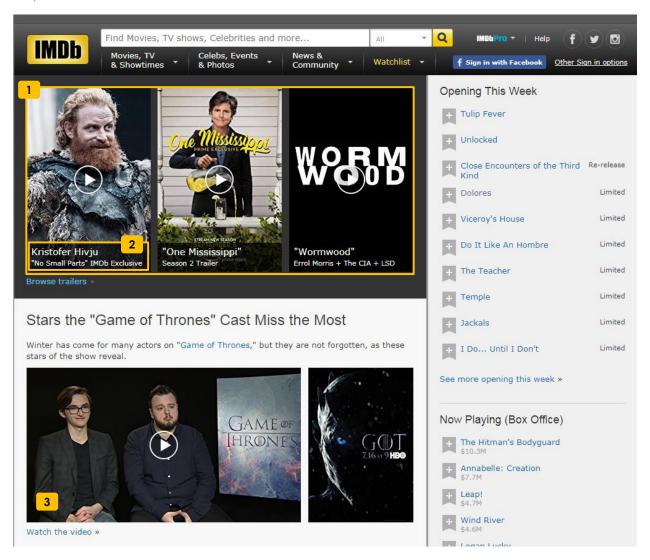## Assignment 1 – HTML, CSS and JavaScript

Introduction

The goal with this assignment is to practice basic HTML, CSS and JavaScript. In order to get a better understanding of HTML and CSS codes, in this assignment we will not be using any tools dedicated to webpage design. We will use simple text editors (i.e. notepad, notepad++, sublime, etc).

Part 1

Below you will see a screenshot of IMDB's main page. The goal is to create something similar, with the same positioning of text and image objects using just HTML and CSS. You are not allowed to use any external libraries for this part.

Things to consider:

- This will be a fake, non-functional IMDB website. Fill the text with random stuff and use any image you want. It is also understandable if your page does not exactly look like this, but do your best.
- On the main panel (marked as 1) we want to have movie posters (images) instead of videos.
- Notice the menus and search bar on the top. Make sure you have them in your page.
- We will check for the styling. It does not have to be exact, but if you are still using "Times New Roman" do not present your work to us.

After finishing part 1 and presenting it to the assistant, you can move to part 2.

Part 2

For this part you <u>are allowed</u> to use any CSS or JavaScript library that you want. But the development environment is still a pure text editor.

- For the top-most panel containing the posters (marked as 1) we want to be able to show more items. We aim to achieve this by showing 3 items (as it is now) and changing those items every 30 seconds.
  - "Scrolling animation" is a plus but not a must. You get no extra points or credits by doing the plus part, except that you learn more.
- When a user hovers the mouse over the text below an item (marked as 2) the box should grow, cover the whole image and contain more info about that item.
- The video on the bottom left box (marked as 3) should be playable.

Notes

- Write clean, indented code. The assistants have all the right to reject your work if it is messy and not readable.
- While presenting your work, we will ask questions and maybe also ask you to make changes in your code. Be ready for it.
- As mentioned before, for the first part of the assignment you are not allowed to use any external library.
- Remember that we will use this code for assignments 2 and 3. So it is important that you have a clean, manageable code.