Assignment 2

"Create a web page with 2 maps on them" – 25 Points + 5 Bonus Points
<u>Due Date: Wednesday, May 29th 2019, 13:00</u>

Create a single HTML file containing at least two maps, meeting the following criteria

First map:

- Manually coded in HTML + CSS, like demonstrated in first part of Lecture 4 (no JavaScript!)
- It may be a map or image of any region or area (including building maps, panoramas, …)
- Add at least 3 markers + 1 rectangular area (hint: use `width, height, border` properties to style the area)

Second map:

- Created using a mapping API (Google Maps API or Leaflet)
- Add at least 3 markers + 1 area (rectangle or one of the other geometries provided by the API)
- Add an `InfoWindow` (Google Maps) / `Popup` (Leaflet) to each marker / area.

Requirements for both maps:

- The markers must use one or multiple images created by you. You can use the marker image from the lecture resources as a template and add a letter or change its color as a minimum.
- The maps can be about any topic, but it should make sense (e.g. "Cities I visited", not "Marker A, Marker B"). Both maps can be about the same or different topics (e.g. overview & detail).
- Update your project diary with the work you did (not submitted this time).

You are encouraged to:

- Design your own graphics for maps & markers for a consistent presentation of the topic.
- Integrate the page into the website from the first assignment. Please submit *only* the map page and its required files in a ZIP file, and check that the page works on its own as submitted.

You are allowed to:

- *Use and copy parts of code* from the lecture slides and online examples. ☺
- Use a map image from digital commons like Wikipedia (you have to add a link to the source!)

Also note the **<u>general guidelines for assignments</u>** (in TUWEL)!

Grading will be based on the web page and the two maps meeting the above criteria and the correctness of your HTML / CSS as covered in the lecture.

Bonus points may be awarded for creating more detailed or original content on the maps. Please point out any extra work you did on the map page in a separate box on the page.

Submit all the files of your map page as a ZIP file in TUWEL (the map page must be the only HTML document in the ZIP file!)