

Assignment 4

Web Frontend elective 2019

Create a crypto one pager (HTML, ES6 and CSS) with the following technologies and tools. Upload the project to a server(e.g. Github pages) and hand-in a link.

Minimum requirements are:

Use ES6:

- Classes and modules
- Arrow functions
- For... of loops
- Fetch and promises (to fetch the API)
- Let
- Template literals

Use fetch-method to fetch data from a crypto-API:

- What is fetch:
<https://developers.google.com/web/updates/2015/03/introduction-to-fetch>)

API overview:

<https://apiv2.bitcoinaverage.com/#constants>

API Example 1:

<https://apiv2.bitcoinaverage.com/indices/global/ticker/BTCUSD>

API Example 2:

<https://apiv2.bitcoinaverage.com/constants/exchangerates/local>

Use Webpack and Babel to bundle and transform your JS files:

Watch the part 1 and 2 (but not the react section in part 2) to set up babel on your own project.

<https://www.lynda.com/Webpack-tutorials/Using-npm-build-scripts/761966/5038286-4.html?a utoplay=true>

SASS is optional but great for the exam :)