# Preconditions

Use zip file that is attached to this homework as a starting point, it will contain simple codebase and all needed parts to start.

# Task description

The goal of this task is extending initial configuration for Webpack and gain more experience with Webpack.

# Evaluation criteria

For every day of lateness there is a penalty in 0.5 point.

Maximum 10 points.

1. Webpack config is split into common, dev and prod files. [2 points]
   1. Common configuration should contain share parts of dev and prod configs.
   2. Webpack-merge is used to combine common configuration with dev and prod configurations.
2. Production configuration has the following settings [3 points]
   1. Image files are minified.
   2. Every bundled .js and .css file contains banner as a comment that uses meta information from package.json file, e.g. package name and version.
   3. JS files are transpiled to ES5 code and uglified.
3. Development configuration has the following settings [3 points]
   1. Source maps are generated for bundled CSS and JS files.
   2. Webpack-dev-server with HMR is used for development.
4. Each build should contain unique hash appended to file names. [0.5 point]
5. Generated index.html file has all bundled files injected and is built based on ./src/index.html template. [0.5 point]
6. “vendor.min.js” chunk with jQuery lib is created using Webpack 4 approches [1 point]
   1. Usage of additional entry point is disallowed.

# Extra tasks

## \*Task runners

Use Gulp or Grunt to implement the same build pipeline.