Installing Node.js, NPM and creating a Vue.js project

1. Download and install Node & NPM
   https://nodejs.org/en/

2. After installing them, check their versions in the command line to make sure they were successfully installed:
   > node --version
   > npm --version

3. To use npm for creating Vue projects, you need to install it globally. This can be done by using:
   > npm install -g @vue/cli

4. Now, we can create a new Vue project. Navigate to the location where you want to create your project. Then,
   > vue create [project name]

5. If you choose Manually installation, in the “Manually select feature”, choose
   (*)Router
   ...

6. Where do you prefer placing config for ....
   In dedicated config files
   ...

7. When the installation is over, navigate to the newly created project (> cd project name). Then, you can run your newly created application
   > npm run serve

8. You will be provided with the address/port where your application is running (Should be http://localhost:8080/).
Installing and testing Vue.js extensions and plugins

1. Add the Vetur extension if you are using VSCode, or try to find a similar extension if you are not using VSCode. It will be very helpful when coding.

2. Go to your browser Google Chrome/Firefox, you need to install a handy extension. Search for Vue.js devtools and adds it. If installed successfully, its icon should appear among the icons of extensions in your browser.

   ![Vue.js devtools extension](image1)

   However, if it did not detect any Vue.js code on the page, it will appear as inactive (_inactive_icon_).

3. Go to [http://localhost:8080/](http://localhost:8080/) and check the icon again. Now, it should be active as this page contains Vue.js code (_active_icon_).

4. While on the same page, right-click -> inspect and chose the newly added tab, namely the Vue tab.

   ![Vue.js inspector](image2)