The first tool we use in JavaScript is Babel to convert cutting edge JavaScript to ES6/ESNext back to ES5 so all browser will be able to run our JavaScript code. In a couple of years this may not be necessary, but for now it's an important step in our development process.  
Next we want to use webpack in order to make our ES6 code more modular and therefore easier to maintain by separating our app into different files. Most browsers out there, do not support this functionality, so we must bundle these files together and the most popular tool is webpack. Webpack can also do much more like code splitting, loading many types of assets like sap and images, decreasing our JavaScript bundle size using an  
algorithm like three-shaking and much more. The easiest way to run these packages is by using NPM scripts.

The following are all command line entries.

# **Node.js**

* First install the latest release of node.js to be found on the internet
* This will also install the NPM package.
* These are run from your terminal they can also be run from the terminal within Intellij Idea.
* Check its version of node.js
* node -v

# **NPM commands**

* These are run from your terminal they can also be run from the terminal within Intellij Idea.
  + Check the version of npm:
    - npm -v
* **Now ensure you are in your working directory.**
* We now to create a package.json file for our project in our working directory.
  + npm init
    - It will start to ask us some question during the package.json creation.
      * Reply to the questions or accept the default.
      * Finally, it will ask if it is ok
        + Is This ok? (yes), enter yes, if you say no it will not build the file.
* You can modify the file package.json within Intellij Idea or any other json editor such as VSCode, Brackets or Sublime Text.
* To install webpack and webpack-cli development tools:
  + Npm install webpack --save-dev & npm install webpack-cli --save-dev
    - -dev on the end put the package in the development dependency list
    - To uninstall it and remove it from the devtools dependency list.
      * Npm uninstall webpack --save-dev
* To install jquery dependency, this is not a dev dependency

* + npm install jquery --save (Notice the save part is different.)
    - This will be listed in the dependencies within our package.json file.
      * To unistall it:
        + npm uninstall jquery --save
* Our package contains a folder called :
  + node\_modules library root folder
  + This folder contains all the packages from the dev-dependencies and dependencies list within our package.json file.
    - This file is very large and we do not need to share it with others when generate our project. All that you need to do is:
      * npm install ( this will re-create the folder from the dependency
      * lists in the package.json file.)