# This course has the objective to help me to learn how to create web applications with HTML, CSS, and JavaScript, but without the aid of third-party frameworks or libraries. For this class, it’s very important to know some JavaScript topics and concepts such as variables, scope, template literals, and some Array methods like .forEach(), .map(), .filter(), and .sort() to recognize functions forms (declaration, expression, arrow), basics DOM manipulation.

# The structure of this course introduces me to the tools, workflows, and problems common in modern Front-end development, the work will be done in a team. Understanding what and how I learn will make a big difference.

# To work in a group isn’t easy, but in job environment is crucial to success, to be honest, have good communication, and respect each another, some tools that can help to obtain success in a work team, have a communication channel, one way to follow the evolution the code, like GitHub and Trello.

# Modern frontend workflow has many new things for me, CSS preprocessors (SASS/LESS), and transpile javascript with Babel. If I understand right preprocessors are code interpreters that convert from CSS and normally give one minify result.

# **SASS** means Syntactically Awesome Style Sheets and lets us use features that do not exist in CSS, like variables, nested rules, mixing imports, inheritance, built-in functions, and other stuff.

**Transpilation** converts the source code of a programming language into an equivalent source code of the same or a different programming language.

# I could note that has many things to worry about and do for a good workflow, test, compiling, concatenating, and minifying files. Three categories of tools will help in this task:

# **Package Managers**: track of all of the external dependencies for an app, NPM will be used in this class.

# **Bundlers:** Deal with the compiling, transpiling, concatenating, minifying, and moving around of assets in the project.

# **Task Managers:** These keep track of what needs to be done and when.

**Observations/Questions**

In material (Managing the Modern Frontend Workflow) mentions Snowpack, is it necessary to install it? If yes, how do that? Because I didn't see this in the Software Setup part or another part.