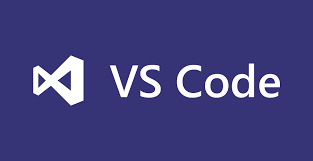
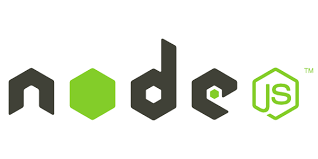
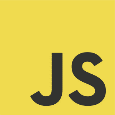
**CS 628 Full-Stack Development II**

**HOS01B - Installing Node.js and NPM in VSCode**

6/17/2019 Developed by Sam Chung

12/29/2020 Updated by Min

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**Before You Start**

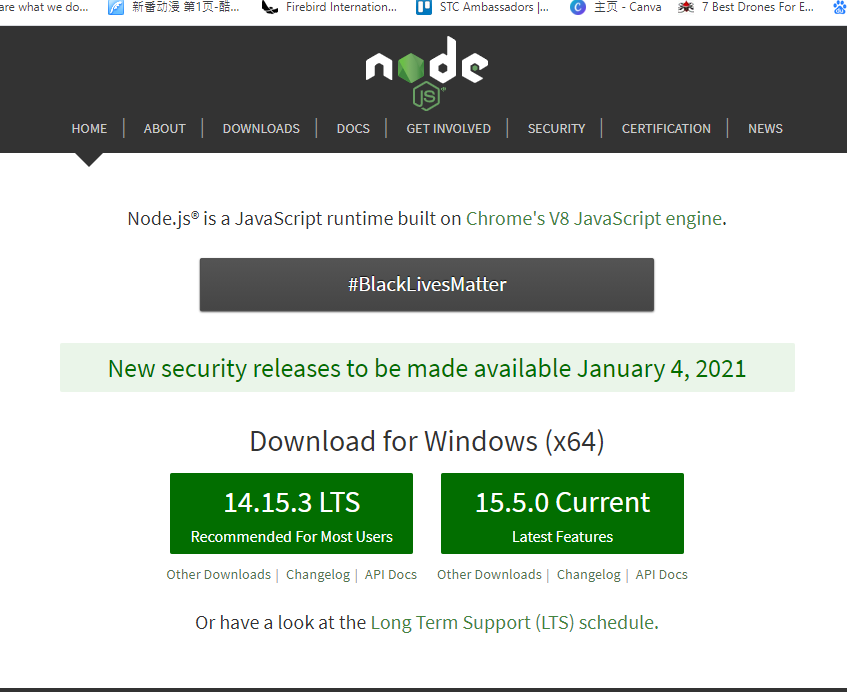
* If you already finished this VSCode(VSC) module through any CityU Department of Technology and Computing courses, just skim through the steps to verify you have the following tool(s) set up for the future group activities in the class.
  + Node.js
  + NPM
* Version numbers may not be the latest release shown in this document. However, we encourage the students to install the latest official release version or long-term support version (LTS).
* This document primarily targets Windows OS users. MacOS users may require additional resources to complete the requirement. Please contact the instructor for further assistance.
* This group activity shows step-by-step (i.e. cookbook style) tutorial and students are encouraged to make an educational judgement to complete each step. If not clear, please contact the instructor for clarification.
* For your working directory, use your course number (e.g. CS142). This tutorial may use a different course number as an example.

**Learning Outcomes**

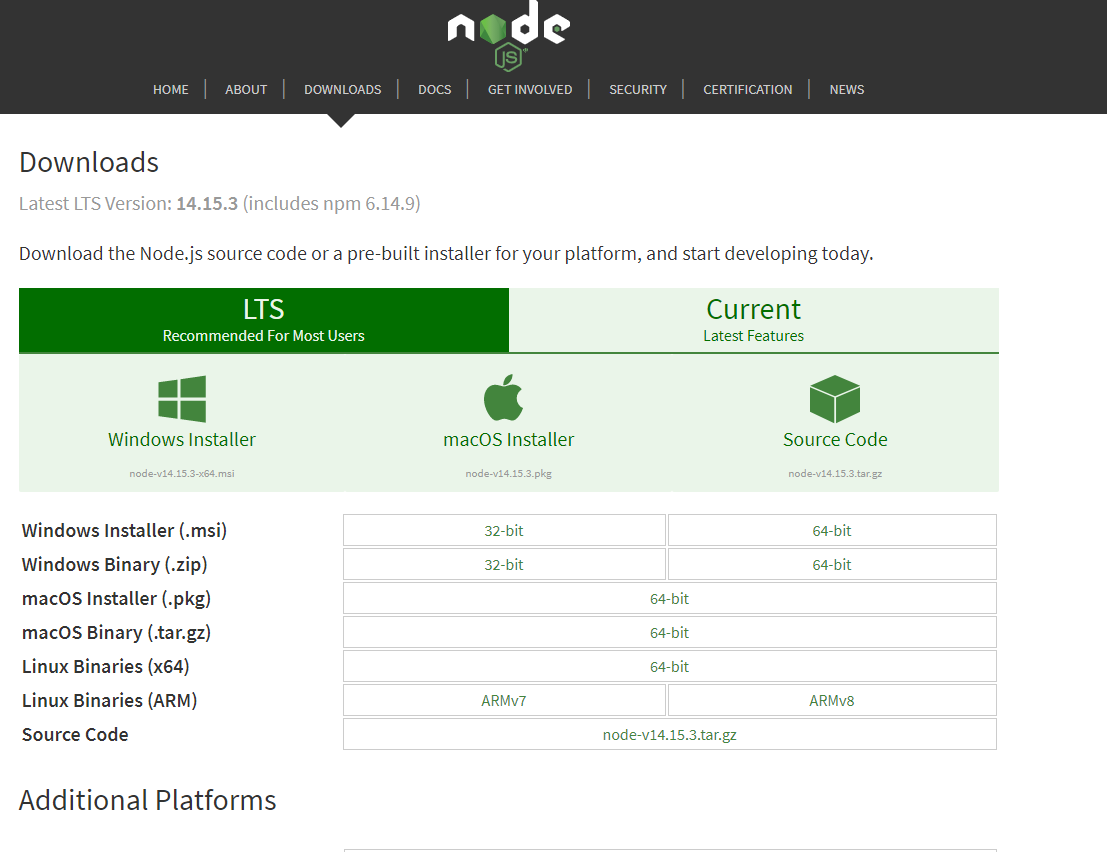
* Installing Node.js
* Running Node.js
* Verify Node Package Manager (npm) is installed.

**Installing Node.js**

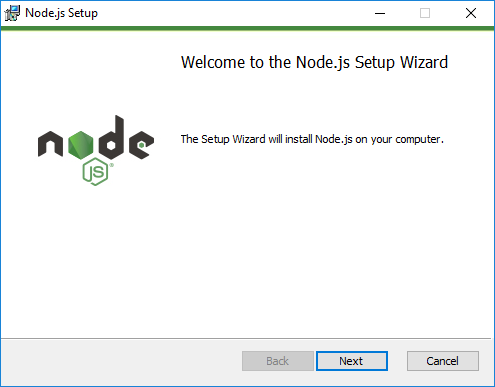
1. Visit <https://nodejs.org/en/>



Note: For selecting a different OS click on the downloads tab.



1. Download the installation file for your operating system. At the time of writing, “node-v14.15.3” is the latest LTS.
2. Start the installation process for Node.js.



**Running Node.js**

Check the version of Node.js by typing the following and confirm the version number on cmd:

>>> node --version



Also, type **node** at the prompt to verify if the Node.js is integrated to VSC (see below).

>>> node

A picture containing drawing

Description automatically generated

**Checking for Node Package Manager (NPM)**

Note: Installing Node.js already includes NPM.

1. Check the version of npm by typing the following:

>>> npm -version

