Angular 2.0 Environment Setup

**Index**

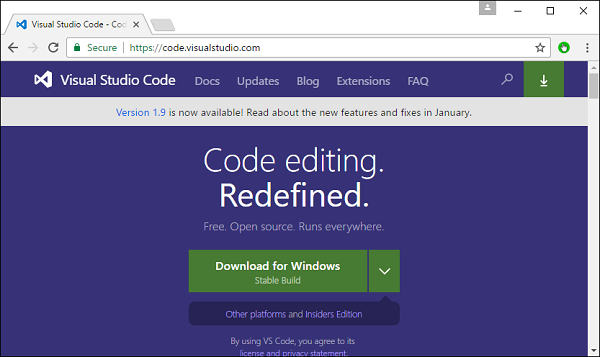
1.Installation of Visual Studio Code: ---------------------------------------------------------------------------3

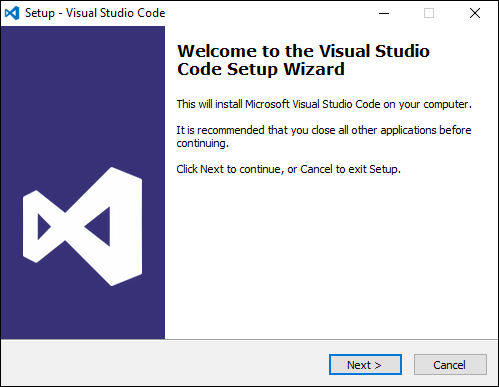
2. Installation of Node JS: --------------------------------------------------------------------------------------6

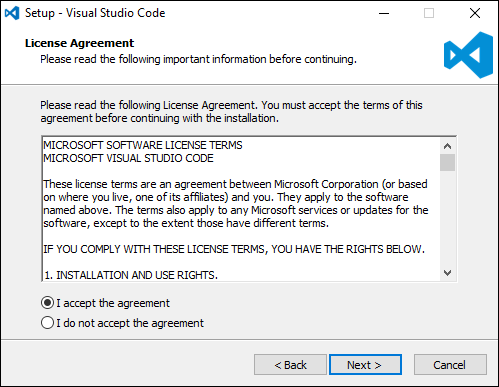
3. Angular 2.0 Environment Variable setup: ------------------------------------------------8

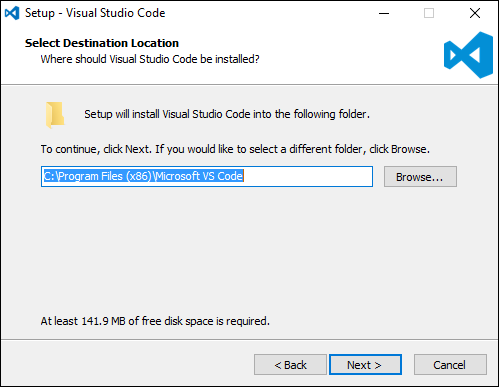
4. Angular 2.0 Environment setup: ----------------------------------------------------------

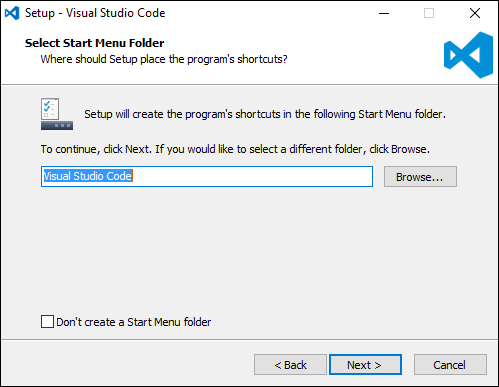
**1.Installation of Visual Studio Code:**

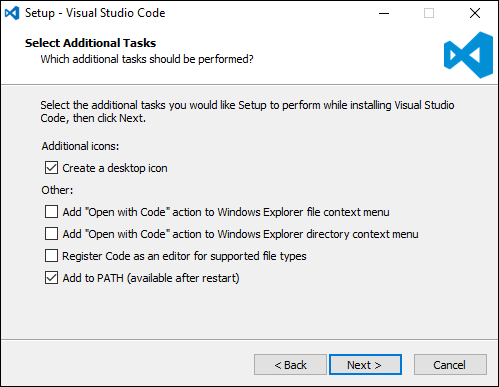
The official site for Visual Studio code is <https://code.visualstudio.com/>

**Step 1**: After the download is complete, please follow the installation steps. In the initial screen, click the Next button.

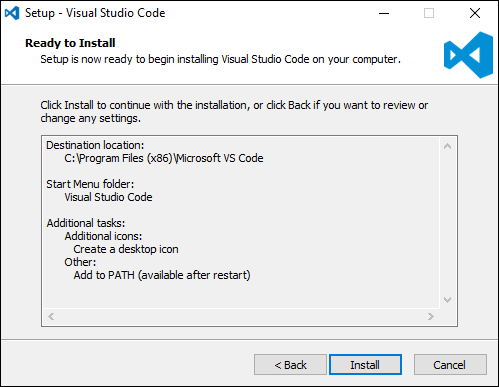
**Step 2**: In the next screen, accept the license agreement and click the Next button.

**Step 3**: In the next screen, choose the destination location for the installation and click the next button.

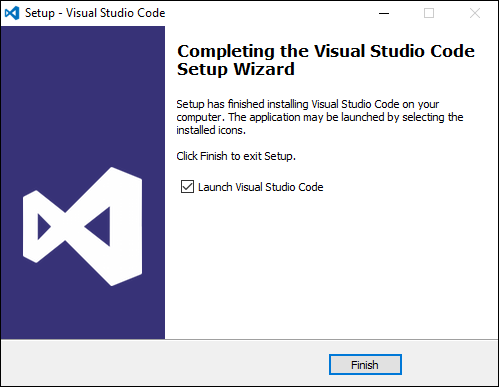
**Step 4**: Choose the name of the program shortcut and click the Next button.

**Step 5**: Accept the default settings and click the Next button.

**Step 6**: Click the Install button in the next screen.



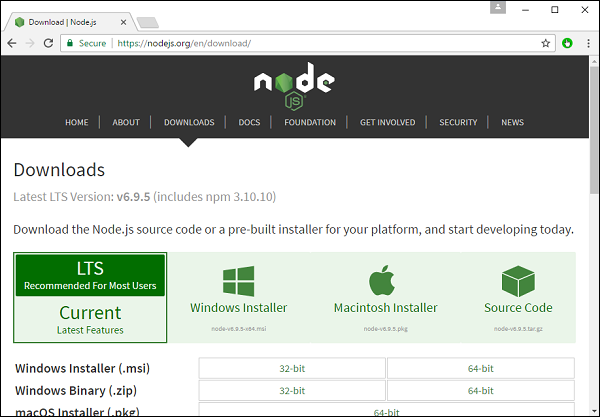
**Step 7**: In the final screen, click the Finish button to launch Visual Studio Code.

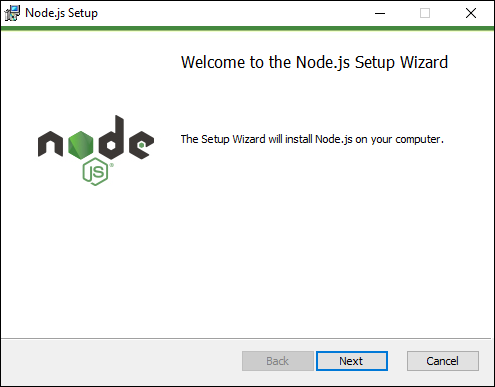


**2. Installation of Node JS**

The official site for Visual Studio code is  <https://nodejs.org/en/download/>

**Step 1:** choose the installer to download, depending on the operating system. For the purpose of this exercise, download the Windows 64-bit version.

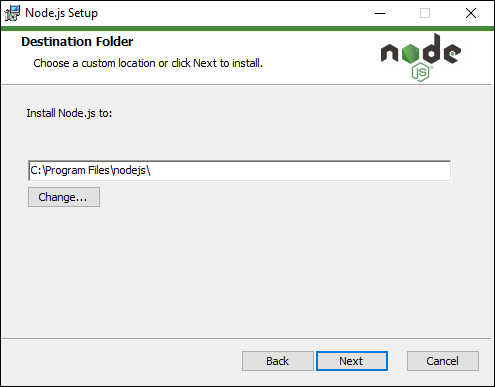


**Step 2:** Launch the installer. In the initial screen, click the Next button.

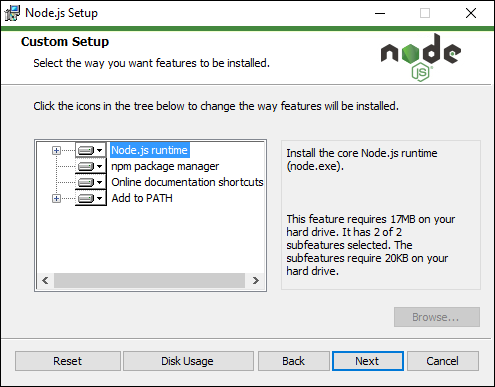
**Step 3**: In the next screen, Accept the license agreement and click the next button.

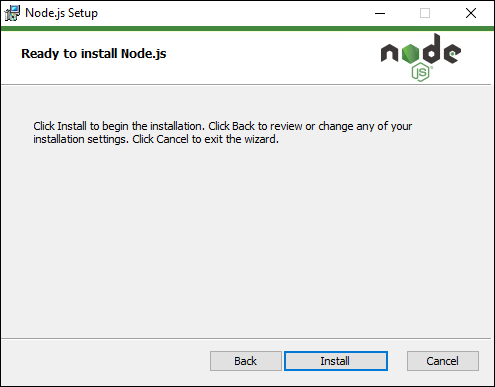


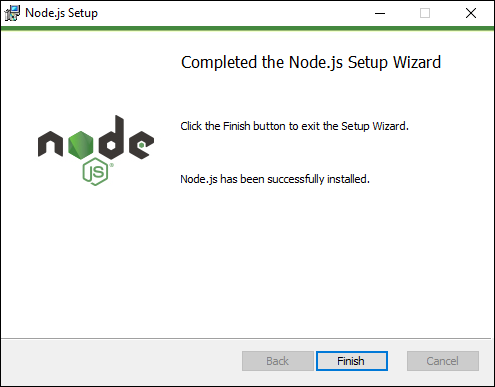
**Step 4:** In the next screen, choose the destination folder for the installation and click the Next button.



**Step 5:** Choose the components in the next screen and click the Next button. You can accept all the components for the default installation.

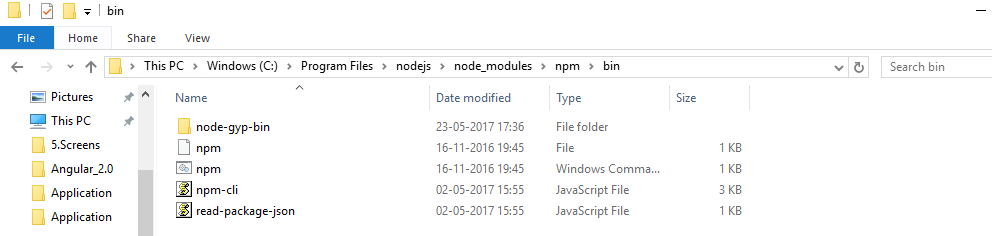


**Step 6:** In the next screen, click the Install button.

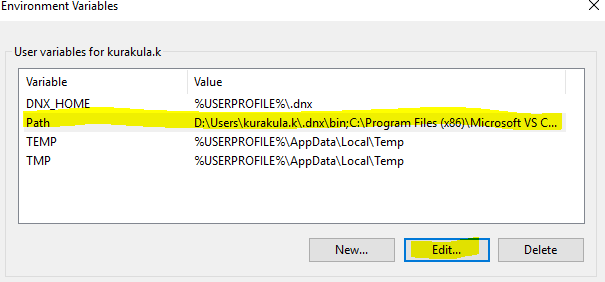
**Step 7**: Once the installation is complete, click the Finish button.

**3. Angular 2.0 Environment Variable setup:**

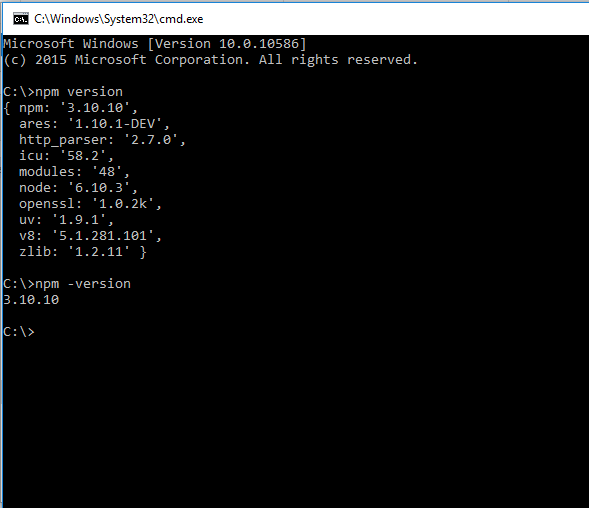
**Step 1:** Please copy(C:\Program Files\nodejs\node\_modules\npm\bin) this path in you compute



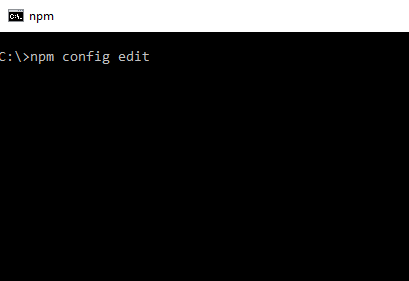
**Step 2:** Past the in your environment variable path.

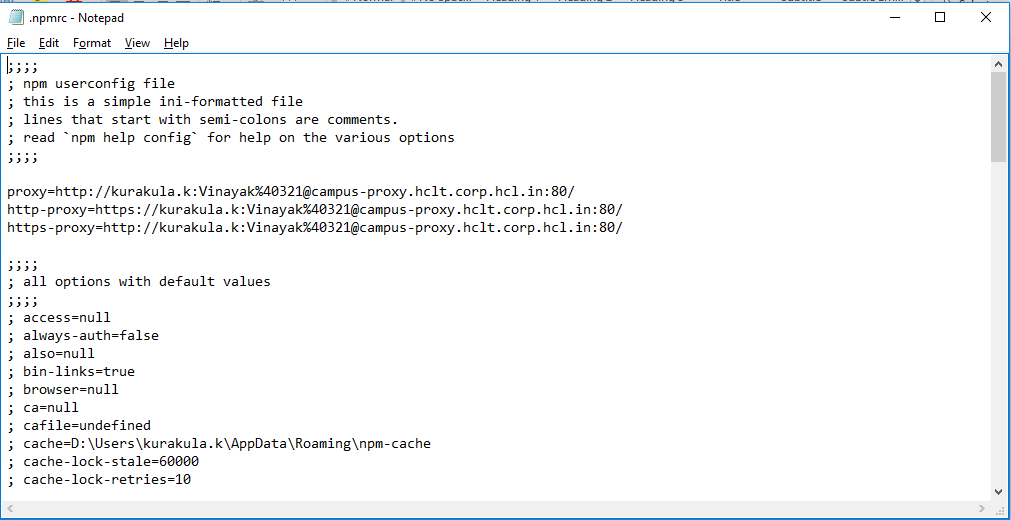


**4. Angular 2.0 Environment setup:**

**Step 1:** To confirm the installation, in the command prompt you can issue the command npm version or npm -version. You will get the version number of npm as shown in the following screenshot.

**Step 2:** To confirm the npm proxy and environment please give the command npm config edit. After that you will got the npmrc text file

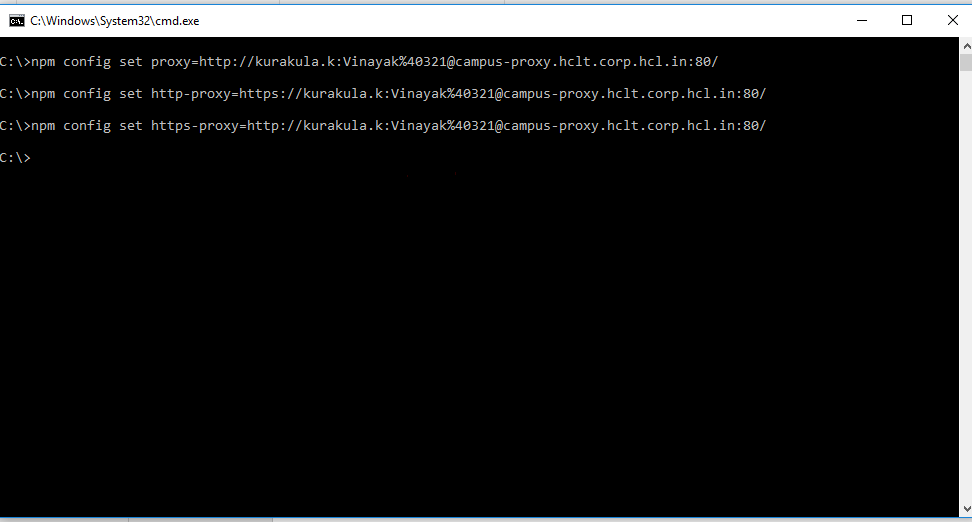




**Step 2:** **Step 3:** Please check it the proxy, http-proxy, https-proxy if not there those setting. please set the proxy follow command

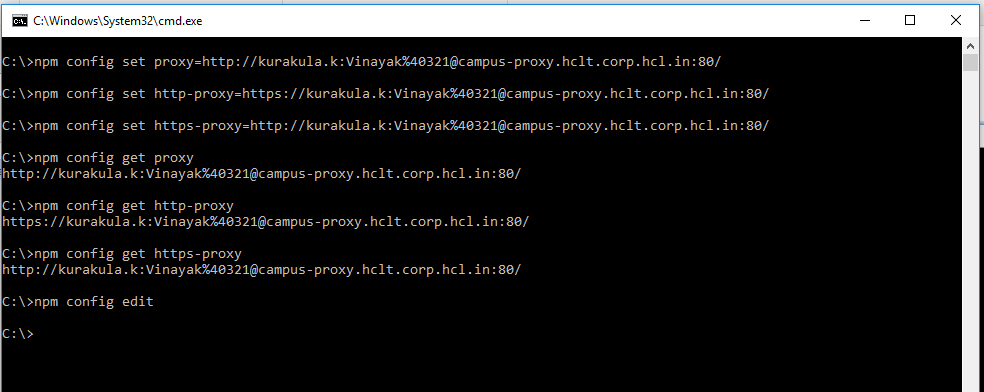
npm config set proxy=http://ravi\_sr:Jan@2018@campus-proxy.hclt.corp.hcl.in:80/

npm config set http-proxy=https:// ravi\_sr:Jan@2018@campus-proxy.hclt.corp.hcl.in:80/

npm config set https-proxy=http:// ravi\_sr:Jan@2018@campus-proxy.hclt.corp.hcl.in:80/

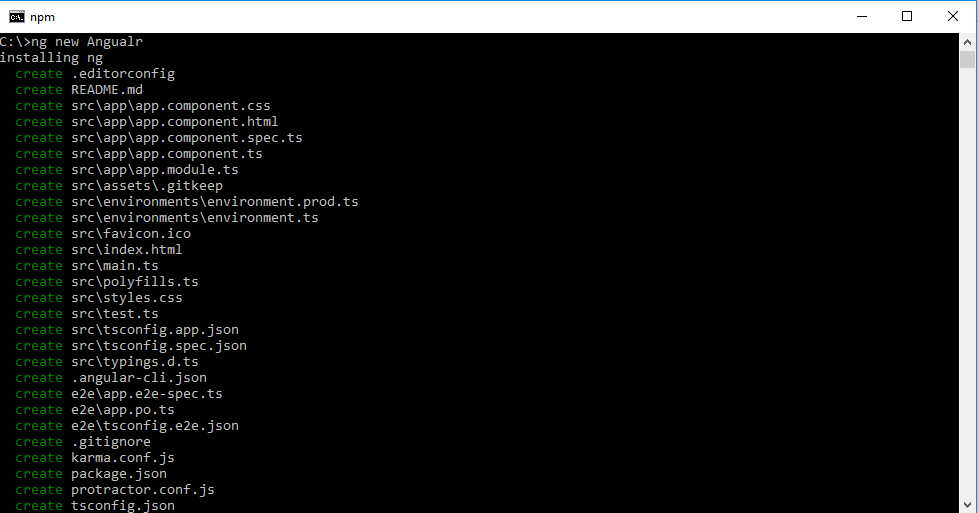
**Note:** Kurakula.k a username and Vin40321 it is a password

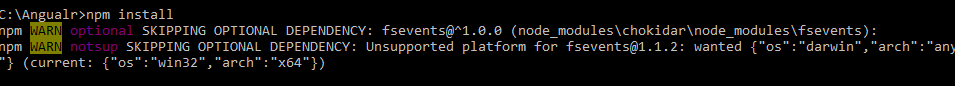
**Step 4:** Once completing of the proxy configuration setting please check It once following commands

1. npm config get proxy
2. npm config get http-proxy
3. npm config get https-proxy
4. npm config edit

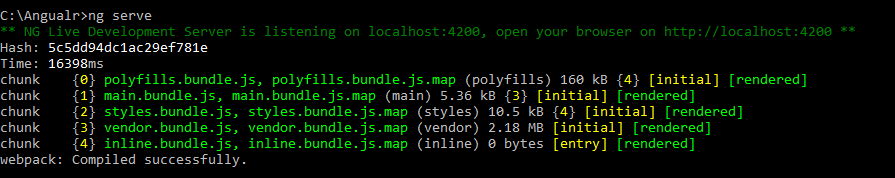
**Step 3:** Install and configuration the angular cli following command nmp install -g angular-cli.



**Step 4:** Once successfully install and configured the angular cli then create the project following command ng new Angular (Project name)

**Step 5:** After please invoke the project following command cd Angular and install npm modules in your project following command npm install

**Step 6:** After completion of npm module install please run the application following command ng serve it will give local host. please copy past it browser and run it



**Step 7:** please copy localhost:4200 past it in your browser and run it

