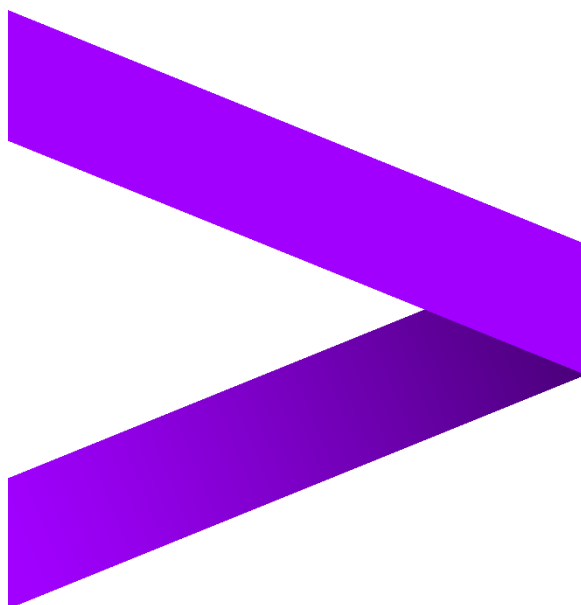


# **INSTALLATION GUIDE**

## **PROTRACTOR**



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# 1 PROTRACTOR

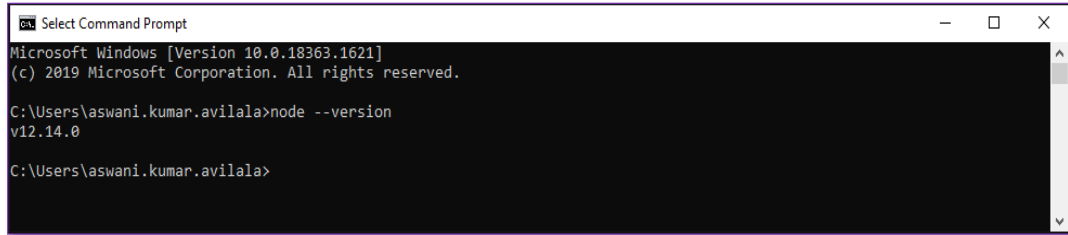
## **1.1 Prerequisite**

Participants must have their own desktop/laptop with Windows OS. Also, participants should have node.js software installed.

## **1.2 Download and Installation Steps**

**Step 1**

Open the Command prompt and check for node.js software by typing the command **node --version**



```
Microsoft Windows [Version 10.0.18363.1621]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\aswani.kumar.avilala>node --version
v12.14.0

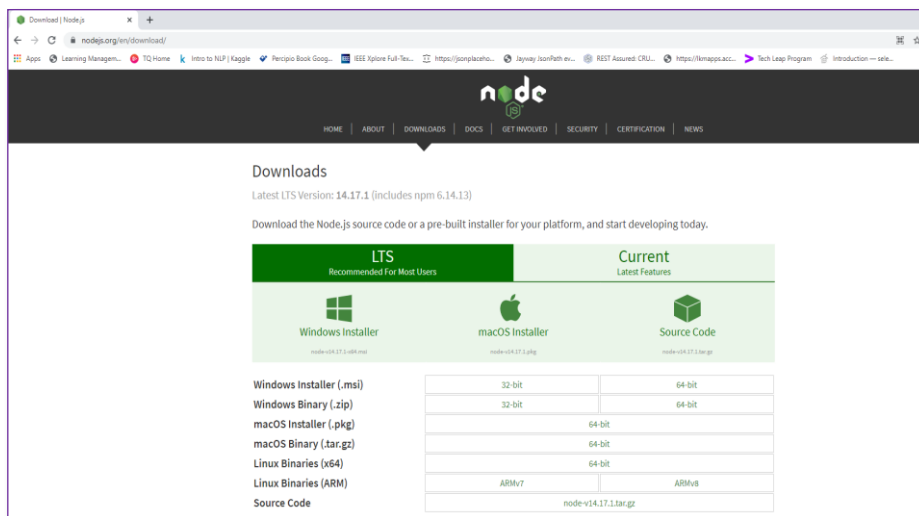
C:\Users\aswani.kumar.avilala>
```

**Note:** After typing the command **node --version**, hit enter key, The result of this command should be the version of the node.js. In case if the result is **node is not recognized as a command** then look for the installation of node.js as shown in the next steps.

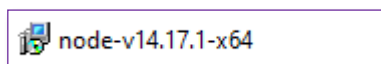
**Step 2**

To install node.js in your system download the software from the

URL: <https://nodejs.org/en/download/>

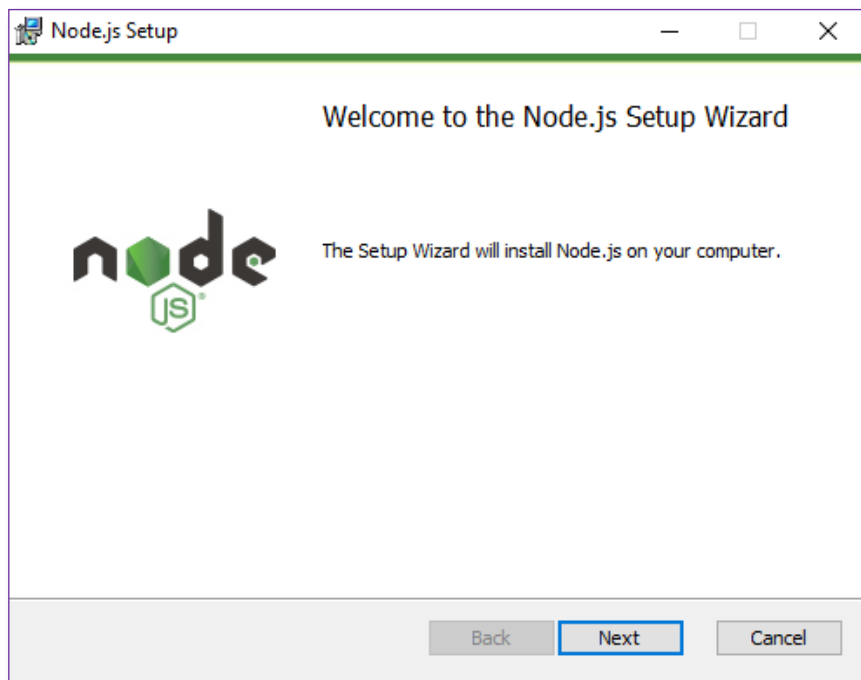


Once the download page appears in the browser then, click on the Windows installer (.msi) preferably 64 bit. After download, you should be able to see the below software in your downloads path.



**Step 3**

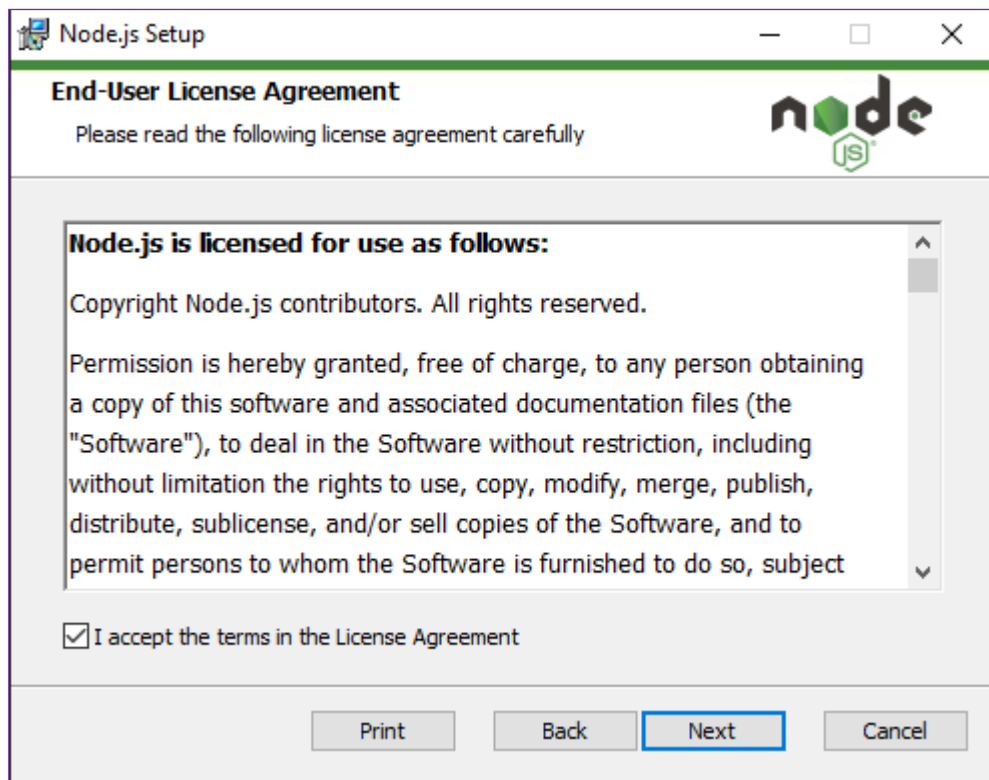
Double click on the downloaded file and you should be able to see the below window for the installation of the software.



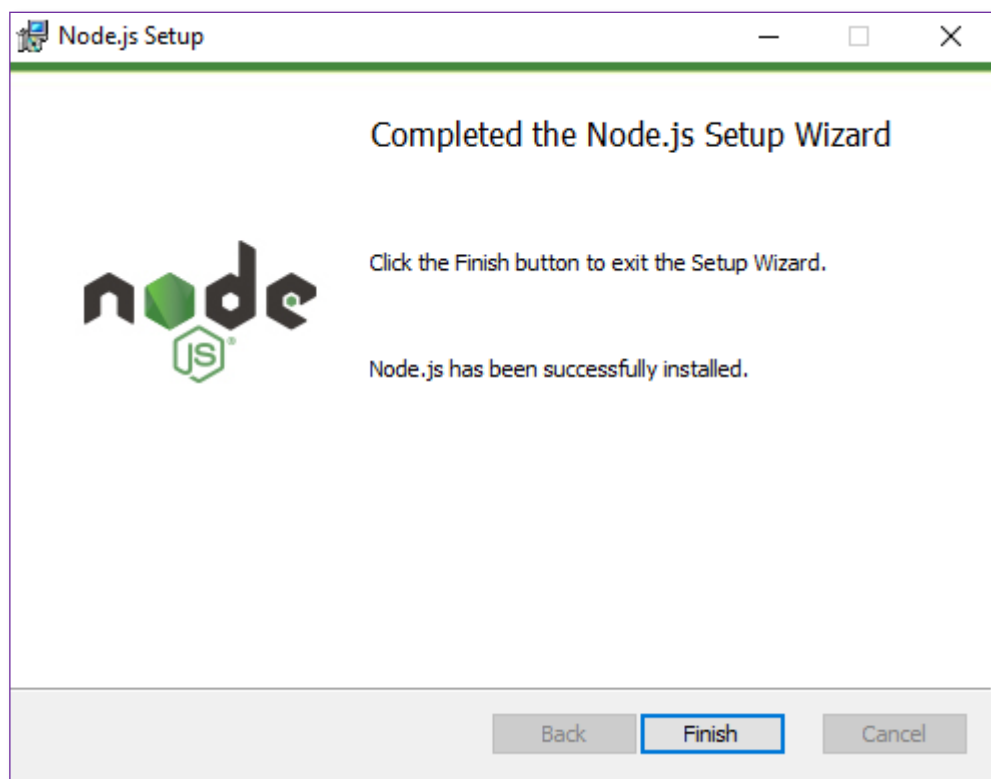
**Note:** The moment the setup window is up, a pre-configuration check will happen and then the Next button will be enabled after some time. Wait until the Next button appears.

**Step 4**

Click Next by checking the License agreement.

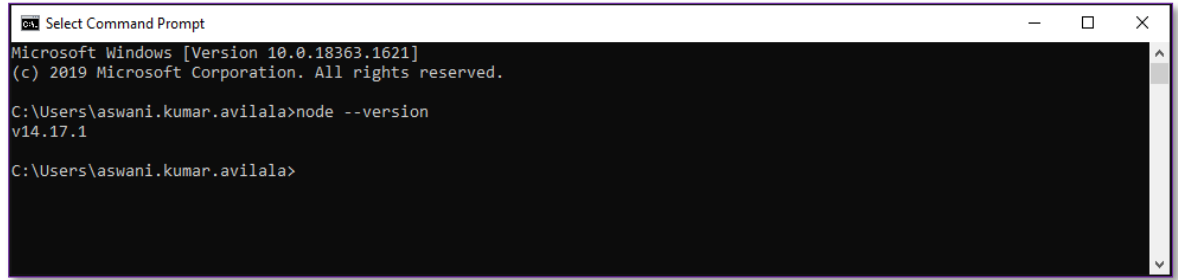
**Step 5**

Give Next → Next and complete the installation of the software. Finally, you must be able to see that node.js is installed successfully.



**Step 6**

Open the Command prompt and check for node.js software by typing the command ***node --version***



```
Microsoft Windows [Version 10.0.18363.1621]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\aswani.kumar.avilala>node --version
v14.17.1

C:\Users\aswani.kumar.avilala>
```

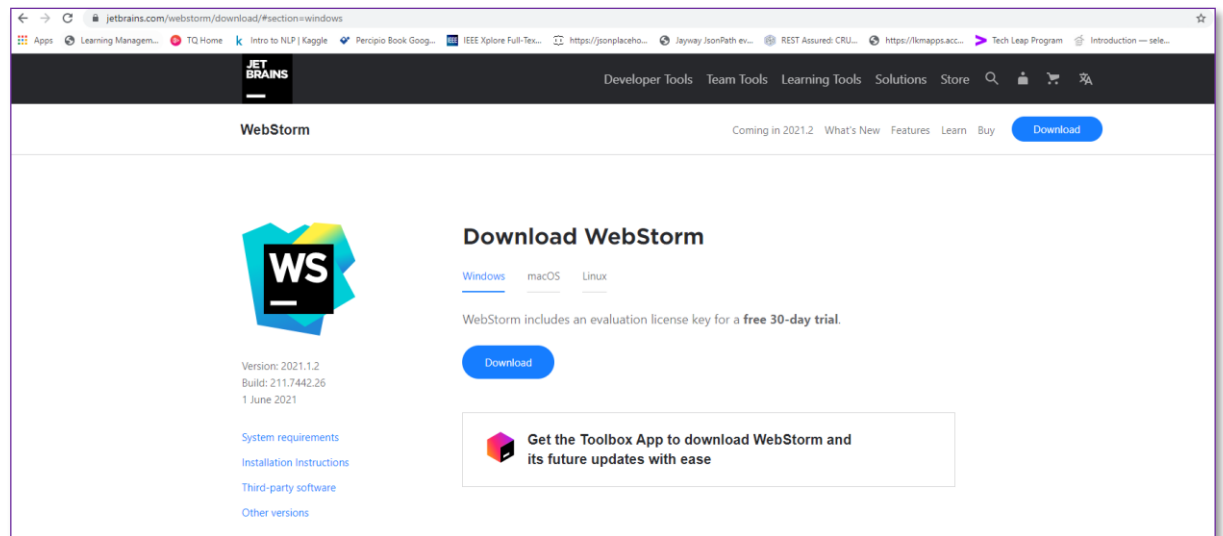
**Note:** After typing the command ***node --version***, hit enter key, The result of this command should be the version of the node.js. In this case its version 14.7.1

**And this is the end of the node.js software installation.**

## Step 7

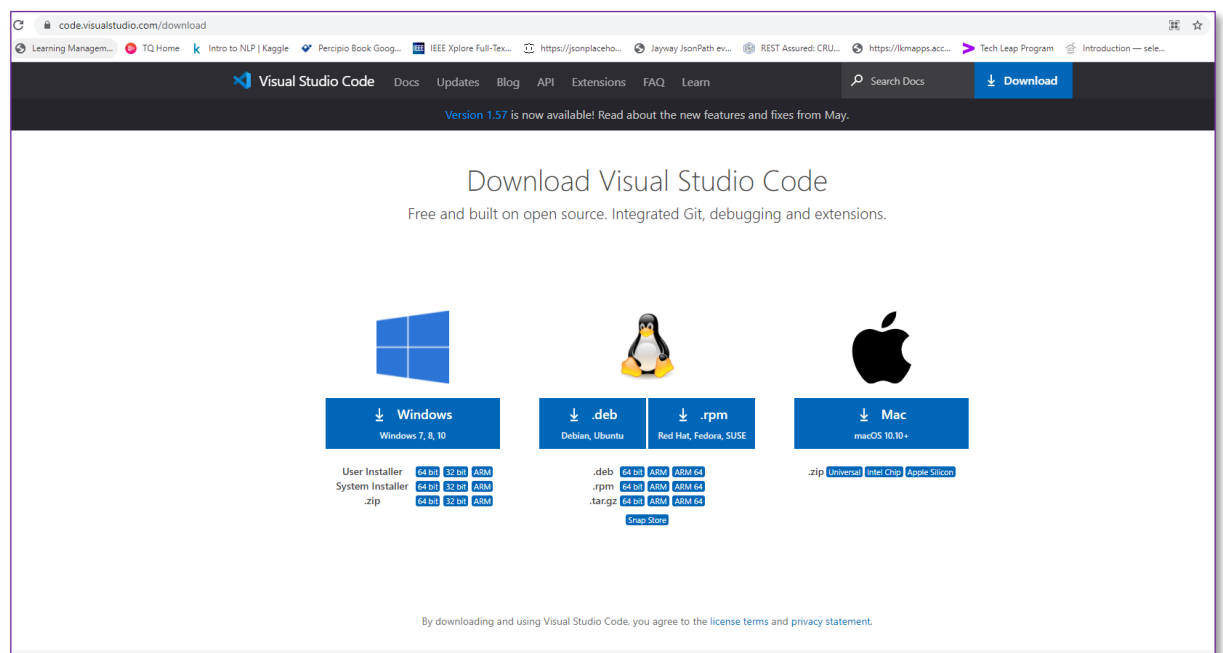
Now Download the editors for protractor codes. Either WebStorm or Visual Studio Code can be used.

**WebStrom URL →** <https://www.jetbrains.com/webstorm/download/#section=windows>



**Visual Studio Code URL →**

<https://code.visualstudio.com/download>



**Note:** However the Protractor course demos/exercises are designed using WebStorm IDE.

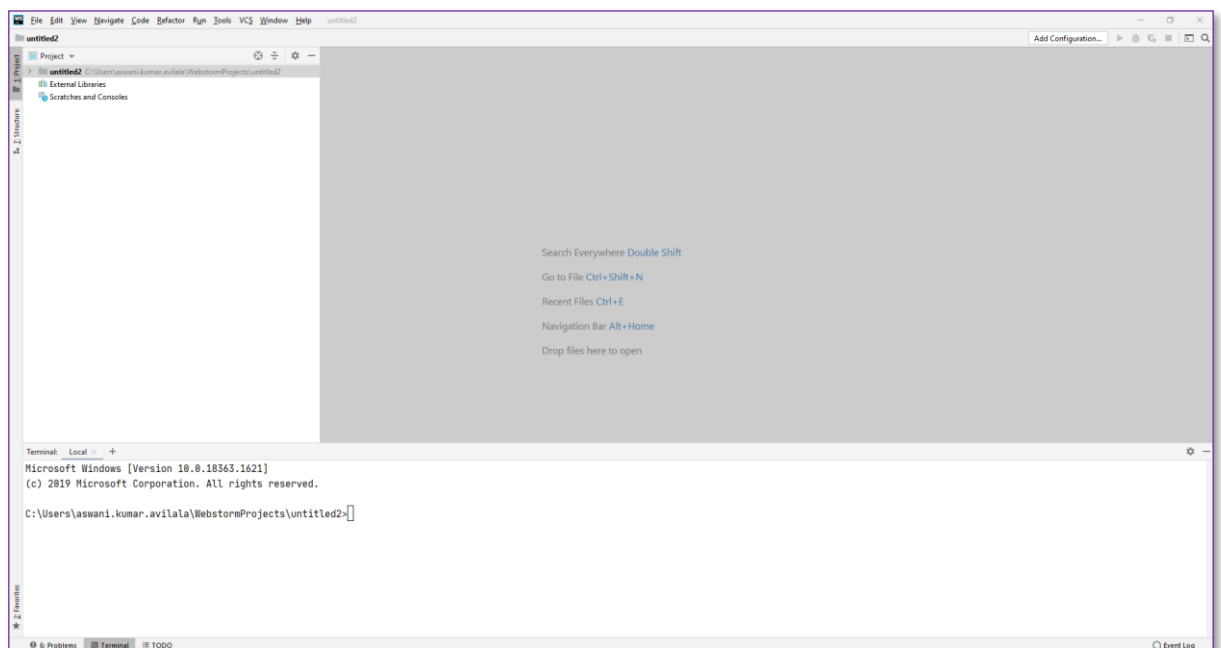


**Step 8**

After downloading either of the software now you should be able to launch the IDE's



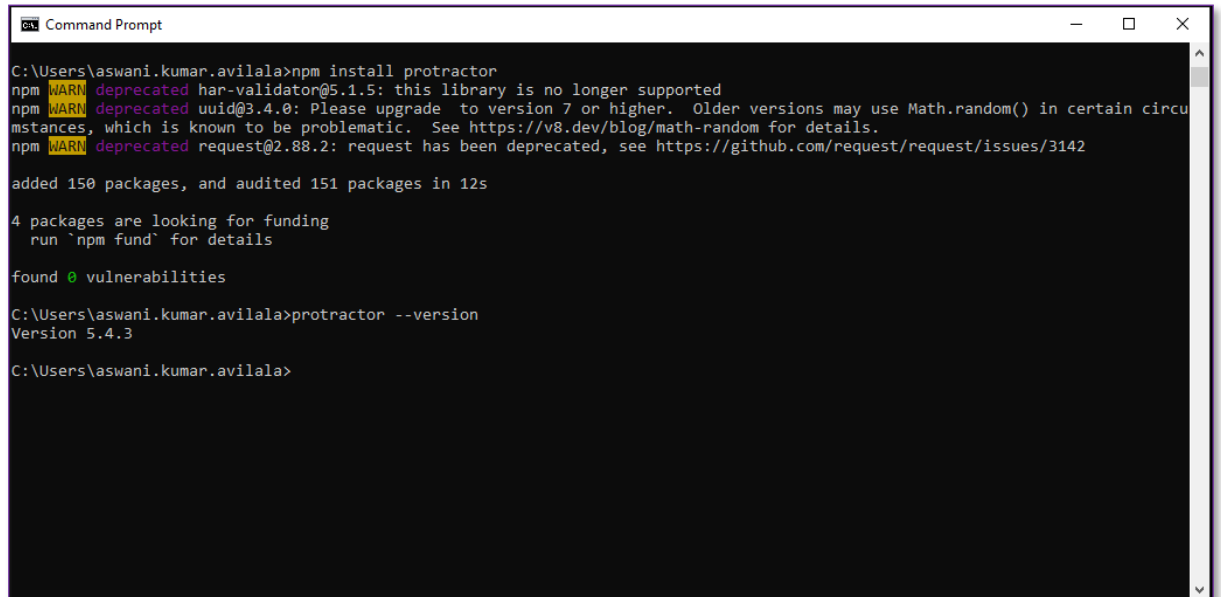
**Note:** Webstorm will be by default in a trial period of 30 days. In case if you want to re-activate after 30 days, re-install again the software.



## Step 9

### Protractor Installation.

- 1) Type the command using node package manager (npm) to install protractor  
***npm install protractor***
- 2) Type the command using a protractor to check the version  
***protractor --version***



```
Command Prompt

C:\Users\aswani.kumar.avilala>npm install protractor
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See https://v8.dev/blog/math-random for details.
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142

added 150 packages, and audited 151 packages in 12s

4 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\aswani.kumar.avilala>protractor --version
Version 5.4.3

C:\Users\aswani.kumar.avilala>
```