

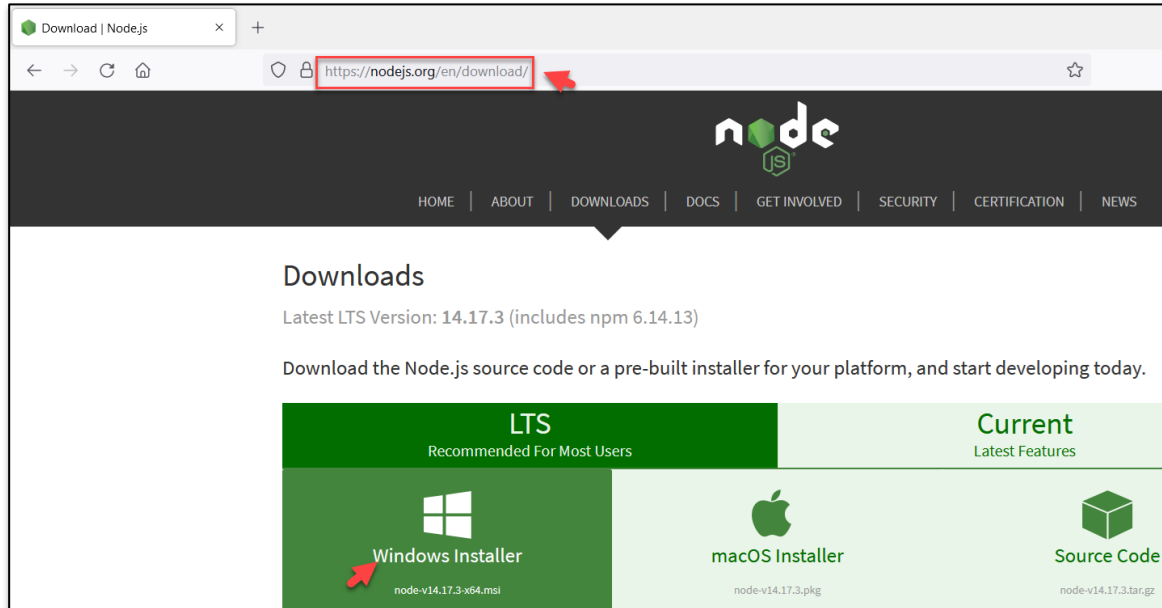


# LAB 2

## Setup NodeJS

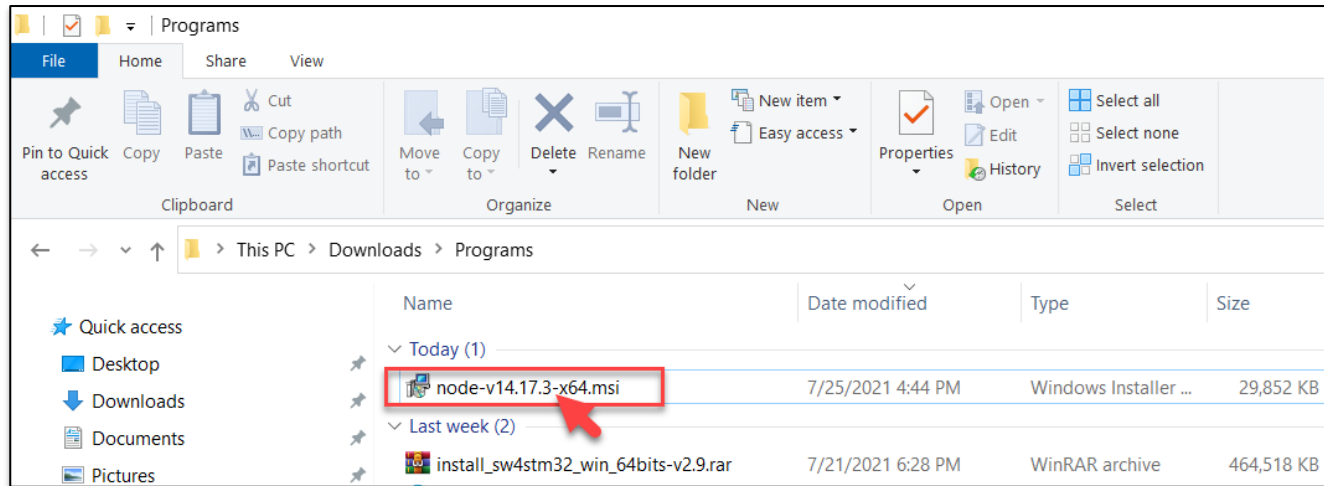
# Setup NodeJS

- ❖ **Step 1:** Go to <https://nodejs.org/en/download> , click **Windows Installer** to download the **Nodejs** installation.



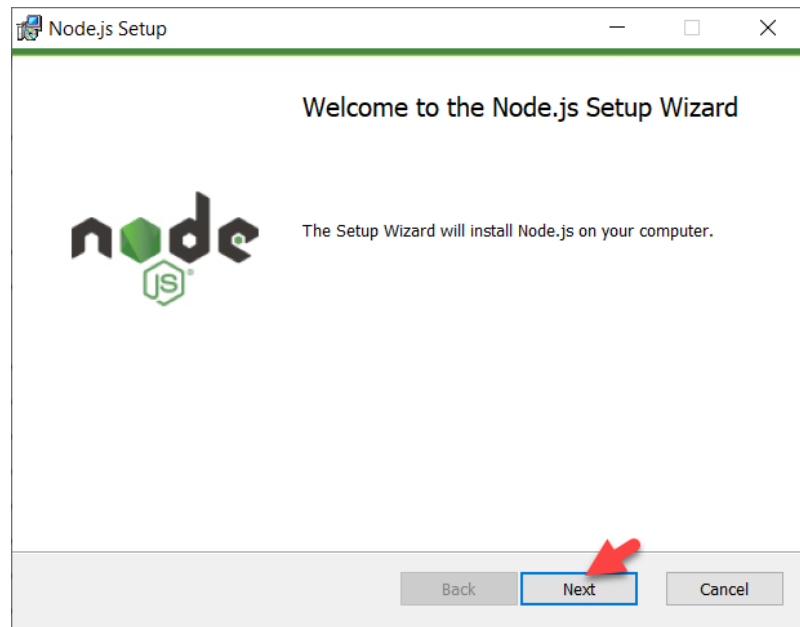
# Setup NodeJS

❖ **Step 2:** Click on the file **node-v14.17.3-x64.msi** to install.



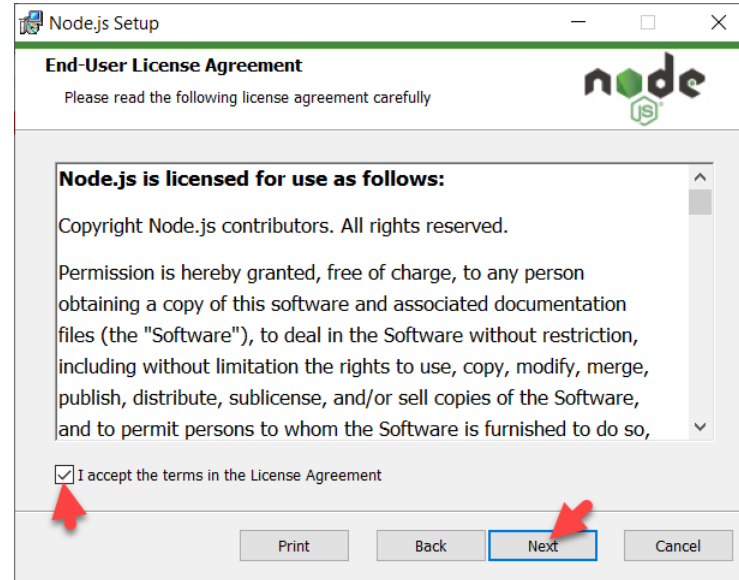
# Setup NodeJS

❖ **Step 3:** Click **Next** button.



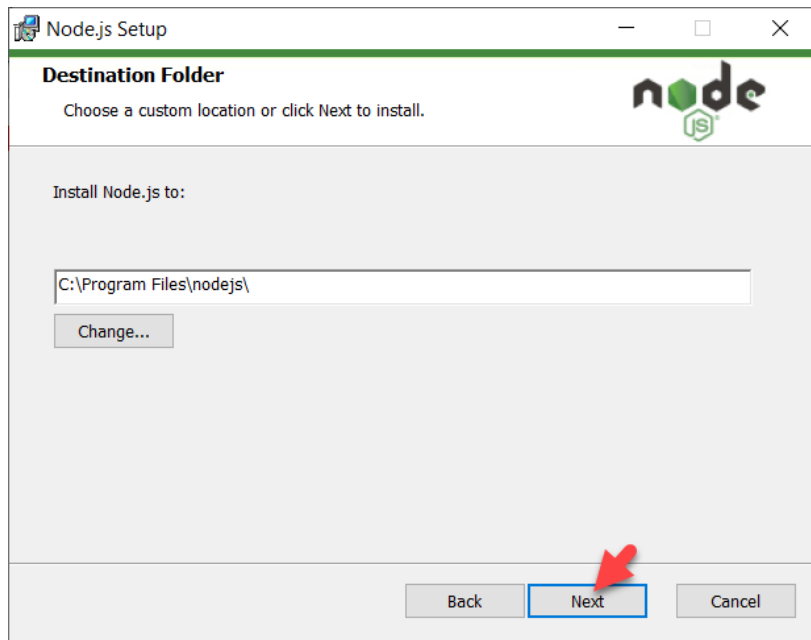
# Setup NodeJS

- ❖ **Step 4:** Select the checkbox **I accept the terms in the License Agreement**. Click the **Next** button.



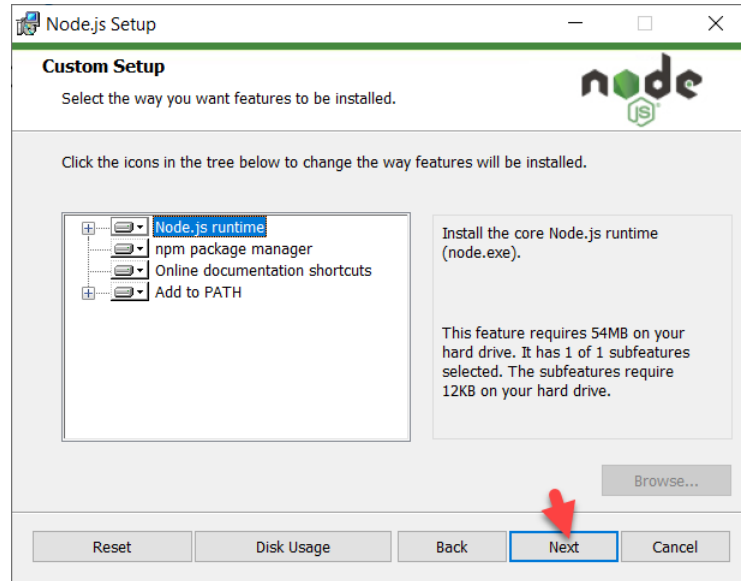
# Setup NodeJS

❖ **Step 5:** Click the **Next** button.



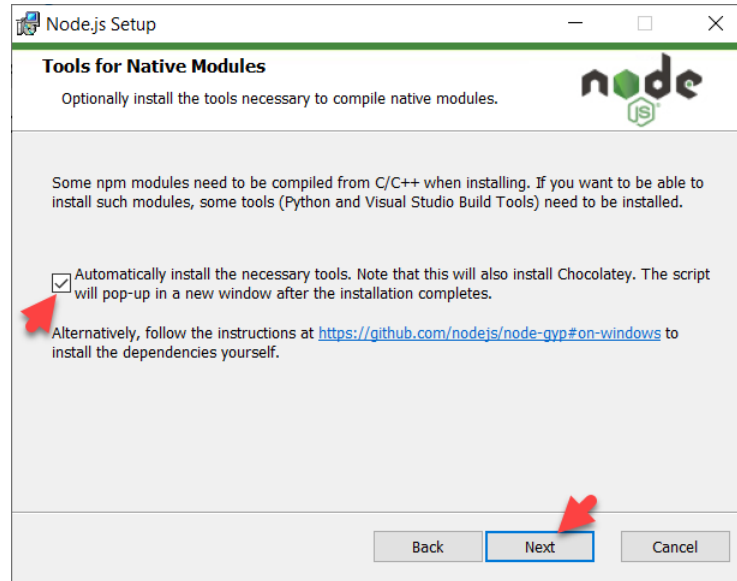
# Setup NodeJS

❖ **Step 6:** Click the **Next** button.



# Setup NodeJS

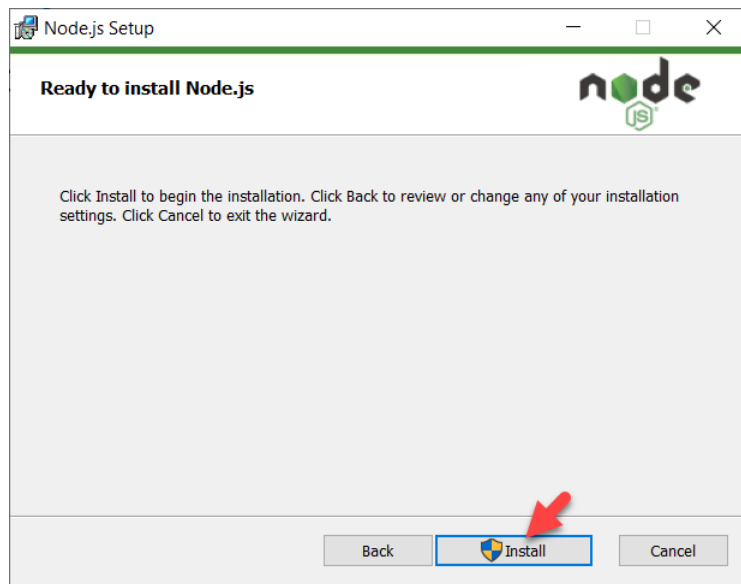
- ❖ **Step 7:** If the machine has not installed Python and Visual Studio, select the Automatically checkbox. Click **Next** button.





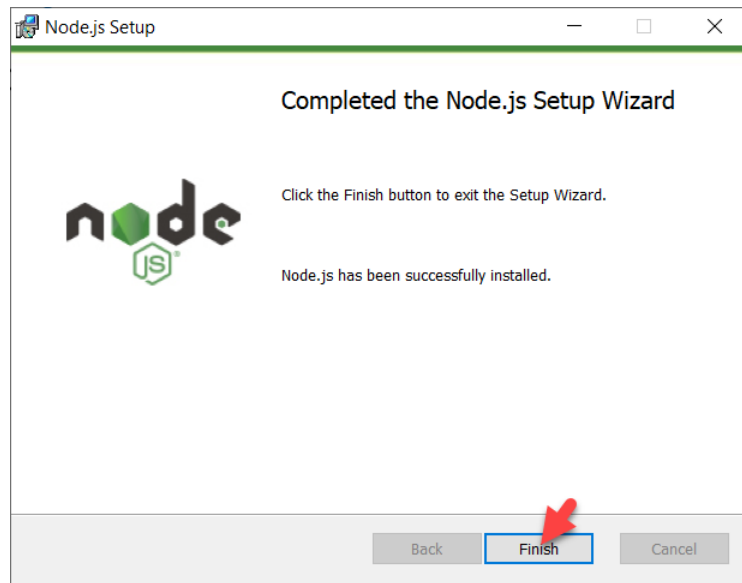
# Setup NodeJS

❖ **Step 8:** Click **Install** button.



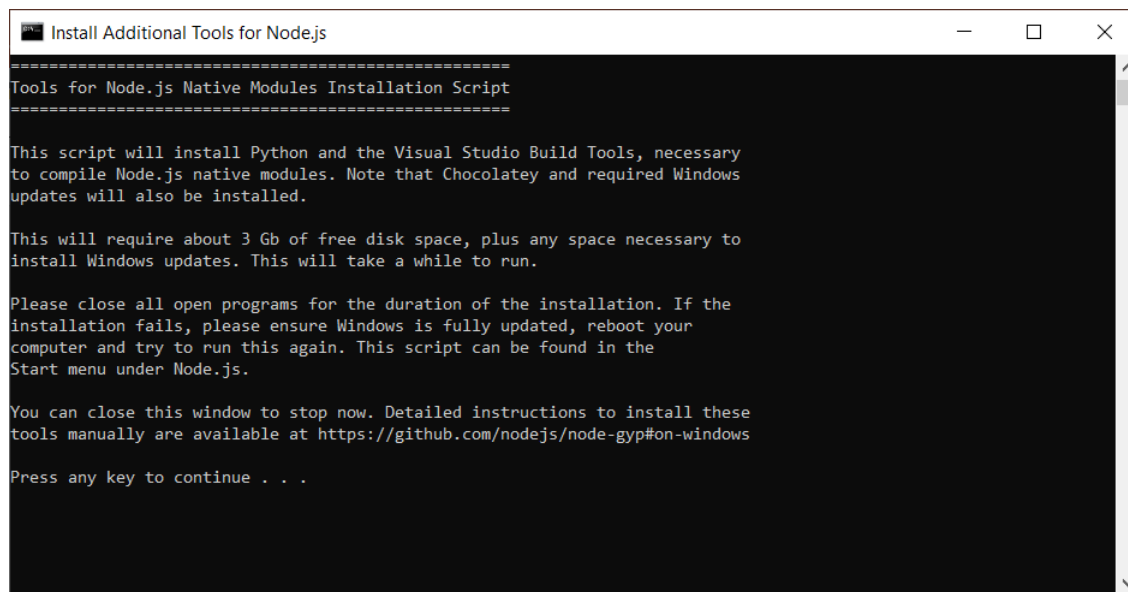
# Setup NodeJS

❖ **Step 9:** Click **Finish** button.



# Setup NodeJS

- ❖ **Step 10:** Press **Enter** to continue to install tools for **Nodejs**.



```
Install Additional Tools for Node.js

=====
Tools for Node.js Native Modules Installation Script
=====

This script will install Python and the Visual Studio Build Tools, necessary
to compile Node.js native modules. Note that Chocolatey and required Windows
updates will also be installed.

This will require about 3 Gb of free disk space, plus any space necessary to
install Windows updates. This will take a while to run.

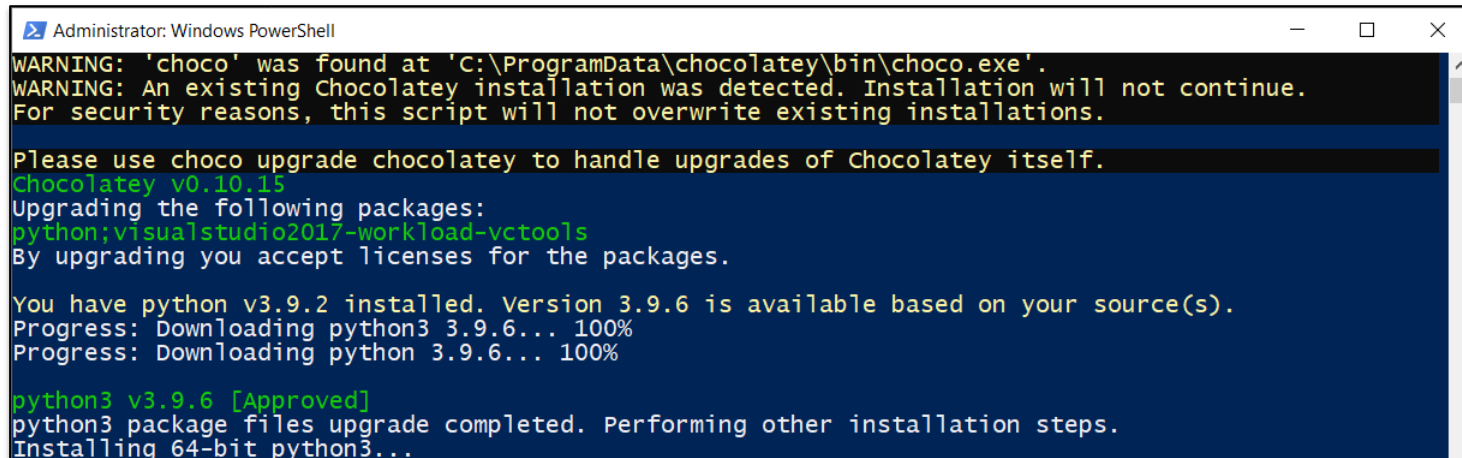
Please close all open programs for the duration of the installation. If the
installation fails, please ensure Windows is fully updated, reboot your
computer and try to run this again. This script can be found in the
Start menu under Node.js.

You can close this window to stop now. Detailed instructions to install these
tools manually are available at https://github.com/nodejs/node-gyp#on-windows

Press any key to continue . . .
```

# Setup NodeJS

- ❖ **Step 11:** Wait for the program to download and install.

A screenshot of a Windows PowerShell terminal window titled "Administrator: Windows PowerShell". The terminal output shows a warning about an existing Chocolatey installation, followed by a prompt to use 'choco upgrade chocolatey'. It then shows the upgrade of 'python;visualstudio2017-workload-vctools' to 'python3 v3.9.6'. The progress of downloading python3 3.9.6 is shown as 100% for both 64-bit and 32-bit versions. The terminal text is as follows:

```
Administrator: Windows PowerShell
WARNING: 'choco' was found at 'C:\ProgramData\chocolatey\bin\choco.exe'.
WARNING: An existing Chocolatey installation was detected. Installation will not continue.
For security reasons, this script will not overwrite existing installations.

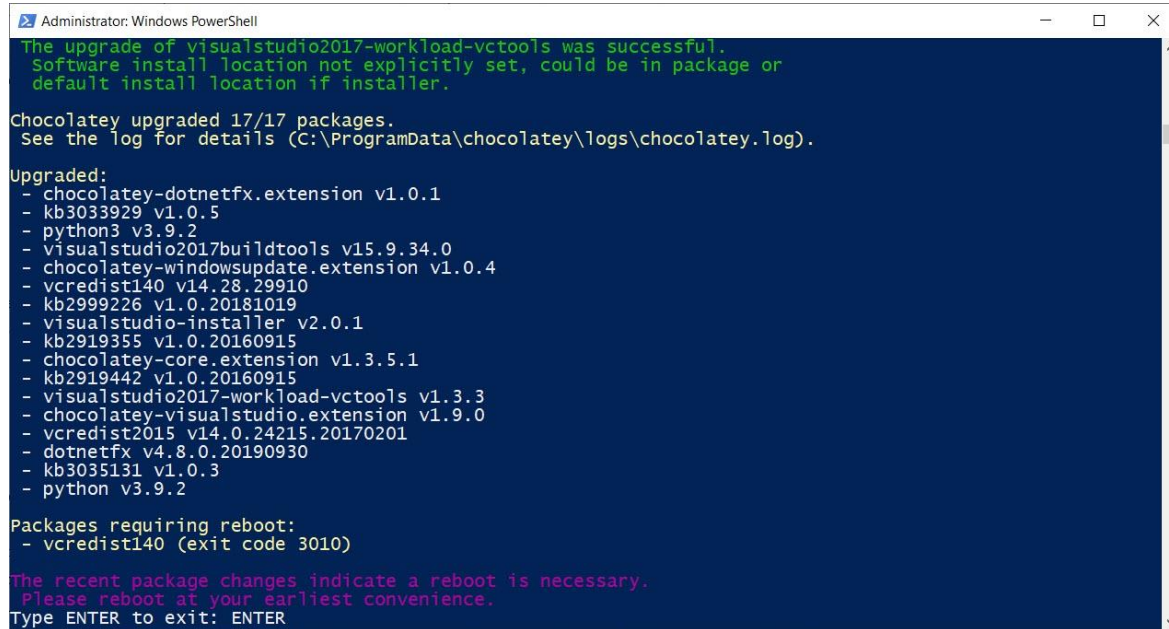
Please use choco upgrade chocolatey to handle upgrades of Chocolatey itself.
Chocolatey v0.10.15
Upgrading the following packages:
python;visualstudio2017-workload-vctools
By upgrading you accept licenses for the packages.

You have python v3.9.2 installed. Version 3.9.6 is available based on your source(s).
Progress: Downloading python3 3.9.6... 100%
Progress: Downloading python 3.9.6... 100%

python3 v3.9.6 [Approved]
python3 package files upgrade completed. Performing other installation steps.
Installing 64-bit python3...
```

# Setup NodeJS

- ❖ **Step 12:** After the installation is complete, press **ENTER** to exit.



```
Administrator: Windows PowerShell
The upgrade of visualstudio2017-workload-vctools was successful.
Software install location not explicitly set, could be in package or
default install location if installer.

Chocolatey upgraded 17/17 packages.
See the log for details (C:\ProgramData\chocolatey\logs\chocolatey.log).

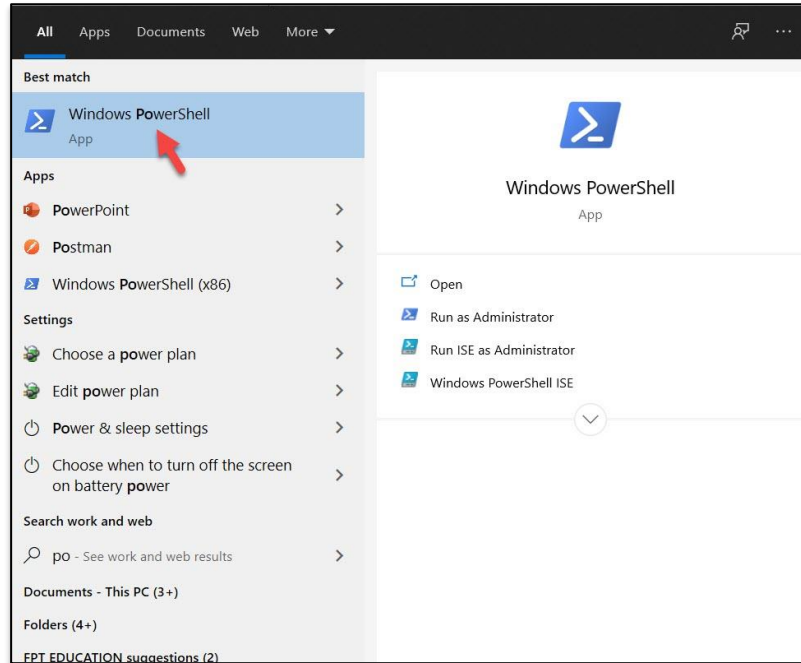
Upgraded:
- chocolatey-dotnetfx.extension v1.0.1
- kb3033929 v1.0.5
- python3 v3.9.2
- visualstudio2017buildtools v15.9.34.0
- chocolatey-windowsupdate.extension v1.0.4
- vc_redist140 v14.28.29910
- kb2999226 v1.0.20181019
- visualstudio-installer v2.0.1
- kb2919355 v1.0.20160915
- chocolatey-core.extension v1.3.5.1
- kb2919442 v1.0.20160915
- visualstudio2017-workload-vctools v1.3.3
- chocolatey-visualstudio.extension v1.9.0
- vc_redist2015 v14.0.24215.20170201
- dotnetfx v4.8.0.20190930
- kb3035131 v1.0.3
- python v3.9.2

Packages requiring reboot:
- vc_redist140 (exit code 3010)

The recent package changes indicate a reboot is necessary.
Please reboot at your earliest convenience.
Type ENTER to exit: ENTER
```

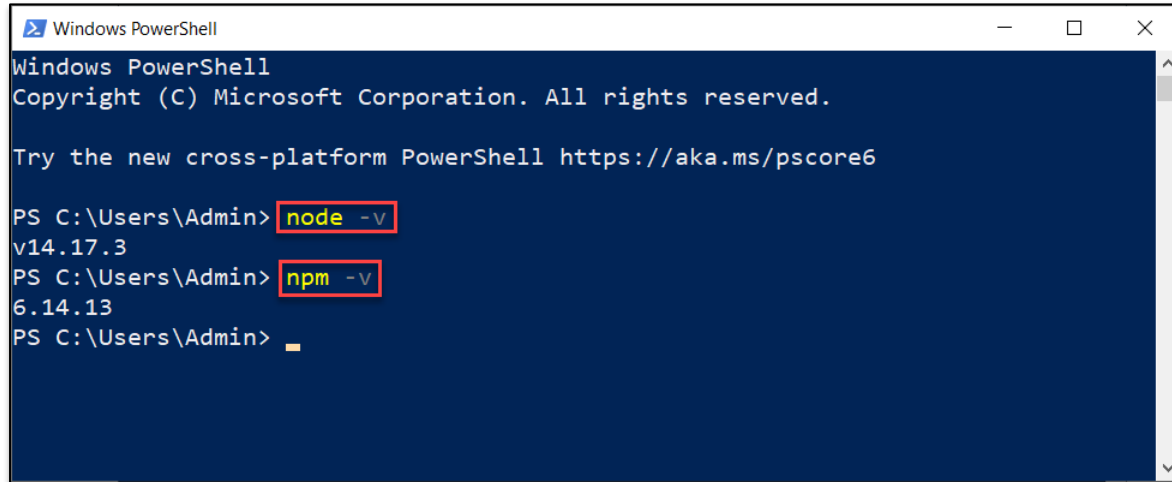
# Setup NodeJS

❖ **Step 13:** Open the **Windows PowerShell** program.



# Setup NodeJS

- ❖ **Step 14:** Enter the command **node -v** to check the version of Nodejs. Enter the command **npm -v** to check the **NPM** version.



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Admin> node -v
v14.17.3
PS C:\Users\Admin> npm -v
6.14.13
PS C:\Users\Admin> 
```