Node and NPM Installation for Windows

Detailed Steps:

https://blog.teamtreehouse.com/install-node-js-npm-windows

Node and NPM Installation for MacOS

Detailed Steps:

https://blog.teamtreehouse.com/install-node-js-npm-mac

Quick Steps:

Prerequisites:

Before you can install Node, you'll need to install two other applications. Fortunately, once you've got

these on your machine, installing Node takes just a few minutes.

1. **XCode.** Apple's XCode development software is used to build Mac and iOS apps, but it also includes the tools you need to compile software for use on your Mac. XCode is free and you can find it in the Apple App Store.

2. **Homebrew**. Homebrew is a package manager for the Mac — it makes installing most open source sofware (like Node) as simple as writing `brew install node`. You can learn more about Homebrew at the Homebrew website. To install Homebrew just open Terminal and type `ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"`. You'll see messages in the Terminal explaining what you need to do to complete the installation process.

```
Last login: Tue Jan 15 22:01:52 on ttys000
[Murtazas-MacBook-Pro:~ murtazarizvi$ ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
==> This script will install:
/usr/local/bin/brew
/usr/local/share/doc/homebrew
/usr/local/share/man/man1/brew.1
/usr/local/share/zsh/site-functions/_brew
/usr/local/etc/bash_completion.d/brew
/usr/local/Homebrew
==> The following new directories will be created:
/usr/local/bin
/usr/local/etc
/usr/local/include
/usr/local/lib
/usr/local/sbin
/usr/local/share
/usr/local/var
/usr/local/opt
/usr/local/share/zsh
/usr/local/share/zsh/site-functions
/usr/local/var/homebrew
/usr/local/var/homebrew/linked
/usr/local/Cellar
/usr/local/Caskroom
/usr/local/Homebrew
/usr/local/Frameworks
==> The Xcode Command Line Tools will be installed.

Press RETURN to continue or any other key to abort
```

```
 * [new tag]          1.6.4       -> 1.6.4
 * [new tag]          1.6.5       -> 1.6.5
 * [new tag]          1.6.6       -> 1.6.6
 * [new tag]          1.6.7       -> 1.6.7
 * [new tag]          1.6.8       -> 1.6.8
 * [new tag]          1.6.9       -> 1.6.9
 * [new tag]          1.7.0       -> 1.7.0
 * [new tag]          1.7.1       -> 1.7.1
 * [new tag]          1.7.2       -> 1.7.2
 * [new tag]          1.7.3       -> 1.7.3
 * [new tag]          1.7.4       -> 1.7.4
 * [new tag]          1.7.5       -> 1.7.5
 * [new tag]          1.7.6       -> 1.7.6
 * [new tag]          1.7.7       -> 1.7.7
 * [new tag]          1.8.0       -> 1.8.0
 * [new tag]          1.8.1       -> 1.8.1
 * [new tag]          1.8.2       -> 1.8.2
 * [new tag]          1.8.3       -> 1.8.3
 * [new tag]          1.8.4       -> 1.8.4
 * [new tag]          1.8.5       -> 1.8.5
 * [new tag]          1.8.6       -> 1.8.6
 * [new tag]          1.9.0       -> 1.9.0
 * [new tag]          1.9.1       -> 1.9.1
 * [new tag]          1.9.2       -> 1.9.2
HEAD is now at 9141b1509 Merge pull request #5541 from Homebrew/dependabot/bundler/docs/html-proofer-3.10.1
==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
  https://github.com/Homebrew/brew#donations
==> Tapping homebrew/core
Cloning into '/usr/local/Homebrew/Library/Taps/homebrew/homebrew-core'...
remote: Enumerating objects: 4903, done.
remote: Counting objects: 100% (4903/4903), done.
remote: Compressing objects: 100% (4705/4705), done.
remote: Total 4903 (delta 52), reused 325 (delta 7), pack-reused 0
Receiving objects: 100% (4903/4903), 4.00 MiB | 2.44 MiB/s, done.
Resolving deltas: 100% (52/52), done.
Tapped 2 commands and 4689 formulae (4,945 files, 12.4MB).
Already up-to-date.
==> Installation successful!

==> Homebrew has enabled anonymous aggregate formulae and cask analytics.
Read the analytics documentation (and how to opt-out) here:
  https://docs.brew.sh/Analytics

==> Homebrew is run entirely by unpaid volunteers. Please consider donating:
  https://github.com/Homebrew/brew#donations
==> Next steps:
- Run `brew help` to get started
- Further documentation:
    https://docs.brew.sh
Murtazas-MacBook-Pro:~ murtazarizvi$
```
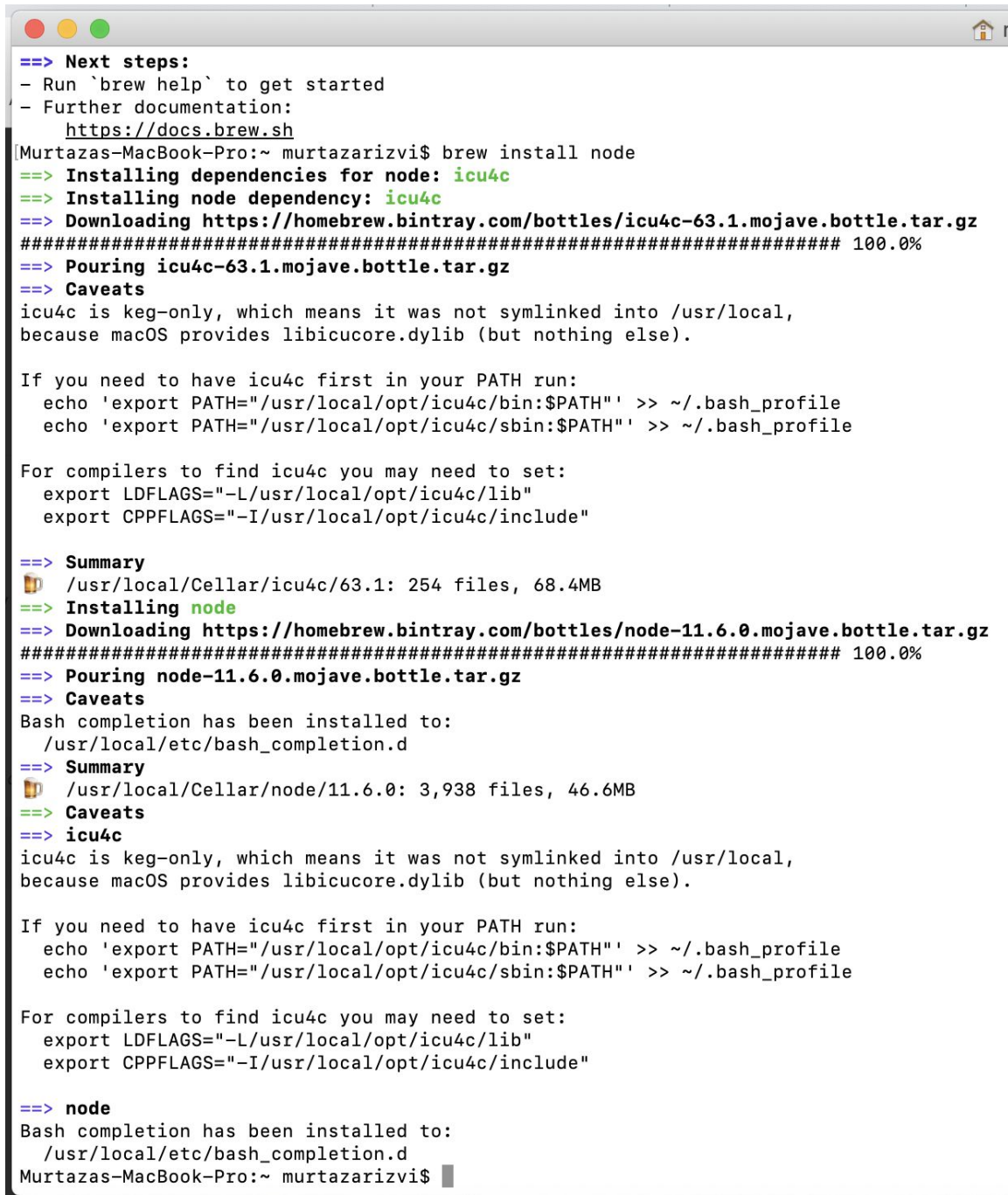
<u>Installation</u>:

1. **Open the Terminal app** and type `brew install node`.

```
==> Next steps:
- Run `brew help` to get started
- Further documentation:
    https://docs.brew.sh
[Murtazas-MacBook-Pro:~ murtazarizvi$ brew install node
==> Installing dependencies for node: icu4c
==> Installing node dependency: icu4c
==> Downloading https://homebrew.bintray.com/bottles/icu4c-63.1.mojave.bottle.tar.gz
###################################################################### 100.0%
==> Pouring icu4c-63.1.mojave.bottle.tar.gz
==> Caveats
icu4c is keg-only, which means it was not symlinked into /usr/local,
because macOS provides libicucore.dylib (but nothing else).

If you need to have icu4c first in your PATH run:
  echo 'export PATH="/usr/local/opt/icu4c/bin:$PATH"' >> ~/.bash_profile
  echo 'export PATH="/usr/local/opt/icu4c/sbin:$PATH"' >> ~/.bash_profile

For compilers to find icu4c you may need to set:
  export LDFLAGS="-L/usr/local/opt/icu4c/lib"
  export CPPFLAGS="-I/usr/local/opt/icu4c/include"

==> Summary
🍺  /usr/local/Cellar/icu4c/63.1: 254 files, 68.4MB
==> Installing node
==> Downloading https://homebrew.bintray.com/bottles/node-11.6.0.mojave.bottle.tar.gz
###################################################################### 100.0%
==> Pouring node-11.6.0.mojave.bottle.tar.gz
==> Caveats
Bash completion has been installed to:
  /usr/local/etc/bash_completion.d
==> Summary
🍺  /usr/local/Cellar/node/11.6.0: 3,938 files, 46.6MB
==> Caveats
==> icu4c
icu4c is keg-only, which means it was not symlinked into /usr/local,
because macOS provides libicucore.dylib (but nothing else).

If you need to have icu4c first in your PATH run:
  echo 'export PATH="/usr/local/opt/icu4c/bin:$PATH"' >> ~/.bash_profile
  echo 'export PATH="/usr/local/opt/icu4c/sbin:$PATH"' >> ~/.bash_profile

For compilers to find icu4c you may need to set:
  export LDFLAGS="-L/usr/local/opt/icu4c/lib"
  export CPPFLAGS="-I/usr/local/opt/icu4c/include"

==> node
Bash completion has been installed to:
  /usr/local/etc/bash_completion.d
Murtazas-MacBook-Pro:~ murtazarizvi$ ▋
```

To make sure you have Node and NPM installed, run two simple commands to see what version of each is installed:

- To see if Node is installed, type `node -v` in Terminal. This should print the version number so you'll see something like this `v0.10.31`.
- To see if NPM is installed, type `npm -v` in Terminal. This should print the version number so you'll see something like this `1.4.27`