**Steps to install Flex and Bison:**

**Macbook:**

1. Check if you have gcc installed by typing **“cc”**in a terminal window.

If its not present then install gcc on mac by following the steps in the link below.

<https://www.mkyong.com/mac/how-to-install-gcc-compiler-on-mac-os-x/>

1. Check if you have homebrew in mac by typing **“brew”** in a termial window.

If its not present then install homebrew on mac.

<https://www.howtogeek.com/211541/homebrew-for-os-x-easily-installs-desktop-apps-and-terminal-utilities/>

1. install flex bison on mac

**brew install flex**

**brew install bison**

**Windows:**

1. Enable bash on windows by following the steps in the link below.

<https://www.howtogeek.com/249966/how-to-install-and-use-the-linux-bash-shell-on-windows-10/>

1. Open bash by searching “bash” from start menu. In the bash terminal follow the steps below.

**sudo-apt get upgrade**

**sudo apt-get install flex**

**sudo apt-get install bison**

1. If you cannot install bash then you can install “vagrant” from the link below.

<https://www.vagrantup.com/downloads.html>

Open vagrant by searching “vagrant” from start menu. Follow the same commands in step 2 by typing them in vagrant.

**Linux:**

1. Open terminal and type the following

**sudo-apt get upgrade**

**sudo apt-get install flex**

**sudo apt-get install bison**