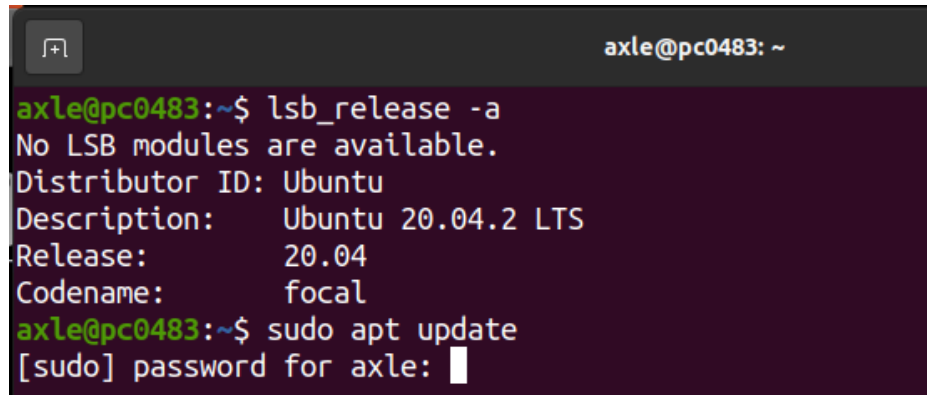


Preparing a Linux Ubuntu 20 OS for Bootcamp

Part01 NodeJS & NPM

1. Open a terminal window to run the following commands
2. Update your linux box:
`sudo apt update`

A terminal window with a dark purple background. The title bar shows a window icon and the text 'axle@pc0483: ~'. The terminal content shows the command 'axle@pc0483:~\$ lsb_release -a' followed by its output: 'No LSB modules are available.', 'Distributor ID: Ubuntu', 'Description: Ubuntu 20.04.2 LTS', 'Release: 20.04', and 'Codename: focal'. Below this, the command 'axle@pc0483:~\$ sudo apt update' is entered, followed by the prompt '[sudo] password for axle:' and a cursor.

```
axle@pc0483:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:   Ubuntu 20.04.2 LTS
Release:      20.04
Codename:     focal
axle@pc0483:~$ sudo apt update
[sudo] password for axle: 
```

3. This is the command to install NodeJS after the update
`sudo apt install nodejs`
4. Install npm once Node is done
`sudo apt install npm`
5. (Optional) Check for the versions by running the following commands:
`nodejs -v` and
`npm -v`

Part02 MongoDB

6. (Optional) If you do not have cURL install, please install it in order to install the community version of MongoDB
`sudo apt install curl`
7. Use cURL to import a public key used by npm (you may also use Wget)
`wget -qO - https://www.mongodb.org/static/pgp/server-4.4.asc | sudo apt-key add -`

8. Create a list file for Ubuntu in a special folder in the apt directory

```
echo "deb [ arch=amd64,arm64 ]  
https://repo.mongodb.org/apt/ubuntu focal/mongodb-org/4.4  
multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-  
4.4.list
```

9. Do another update, follow the command in #2 above

10. Now install the latest version of MongoDB

```
sudo apt-get install -y mongodb-org
```

11. For the community version, you will need to start the service manually

```
sudo systemctl start mongod
```

12. Check the status of the MongoDB service

```
sudo systemctl status mongod
```

```
axle@pc0483:~$ sudo systemctl start mongod  
axle@pc0483:~$ sudo systemctl status mongod  
● mongod.service - MongoDB Database Server  
   Loaded: loaded (/lib/systemd/system/mongod.service; disabled; vendor prese  
   Active: active (running) since Wed 2021-03-31 11:24:08 ADT; 3s ago  
     Docs: https://docs.mongodb.org/manual  
   Main PID: 13596 (mongod)  
    Memory: 156.4M  
    CGroup: /system.slice/mongod.service  
            └─13596 /usr/bin/mongod --config /etc/mongod.conf  
  
Mar 31 11:24:08 pc0483 systemd[1]: Started MongoDB Database Server.  
lines 1-10/10 (END)
```

Part03 Visual Studio Code

13. Finally install Visual Studio code using *snap*. If Snaps is not installed on your machine, the following command will install it first then VS Code, its automatic

```
sudo snap install --classic code
```

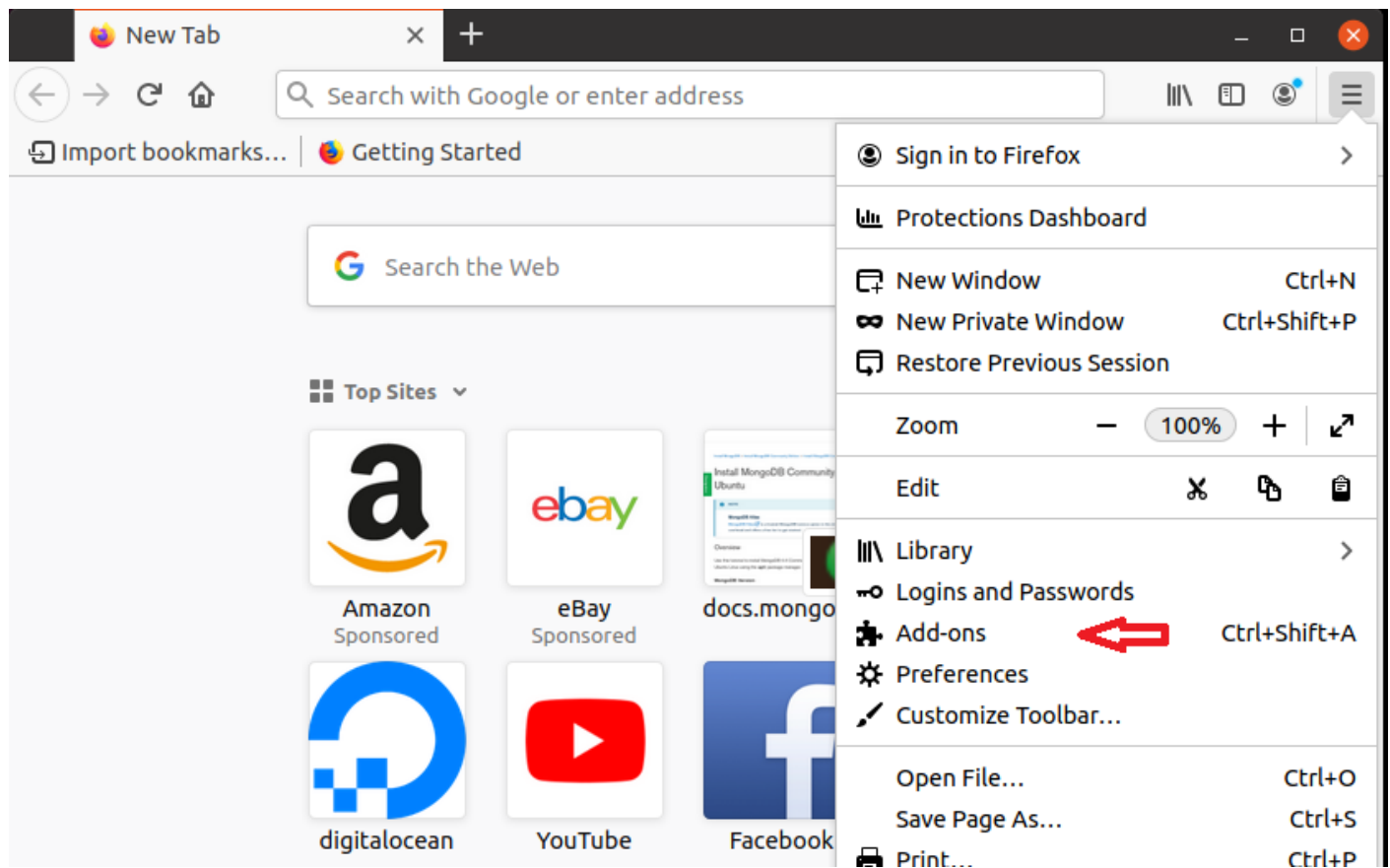
Part04 (Optional) Postman

14. If you need Postman to test REST calls, install it using this command

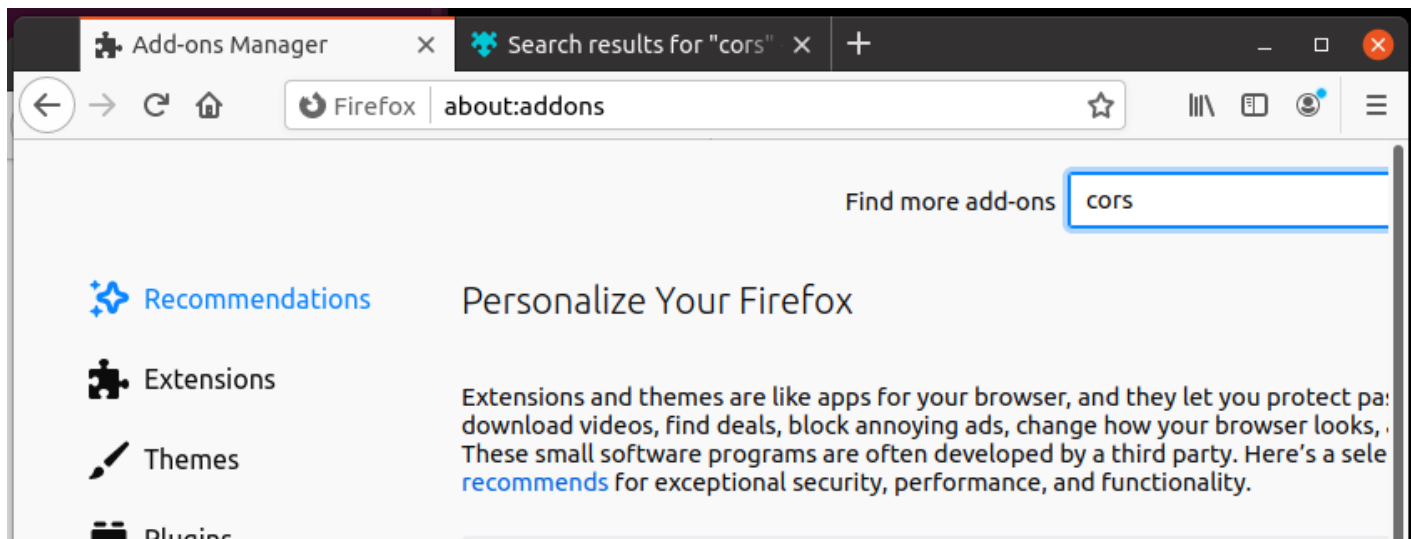
```
sudo snap install postman
```

Part05 (Optional) CORS Plugin in Mozilla Firefox Web Browser

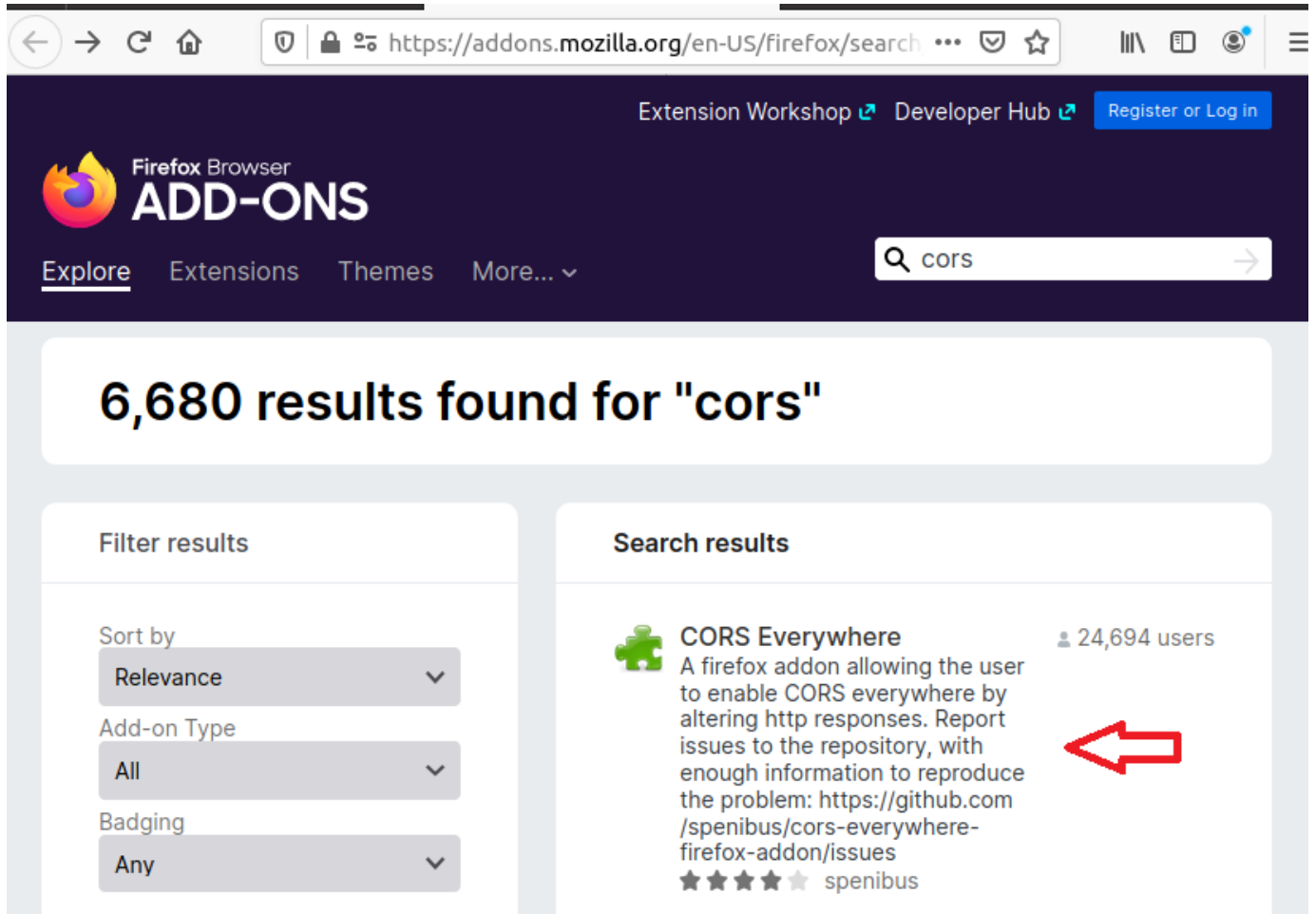
1. If you need a Cors plugin, go to **Add-ons** in Firefox.



2. On the next window, find the search bar and type in *cors*




3. A new tab or window will open. The one I am using is CORS Everywhere, just click on the icon




4. After clicking on CORS Everywhere, a new window/tab will open, click on *Add to Firefox*

Extension Workshop [Developer Hub](#) [Register or Log in](#)



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Find add-ons →





CORS Everywhere by [spenibus](#)

A firefox addon allowing the user to enable CORS everywhere by altering http responses.

Report issues to the repository, with enough information to reproduce the problem:
<https://github.com/spenibus/cors-everywhere-firefox-addon/issues>


[+ Add to Firefox](#)








 This add-on is not actively monitored for security by Mozilla. Make sure you trust it before installing.

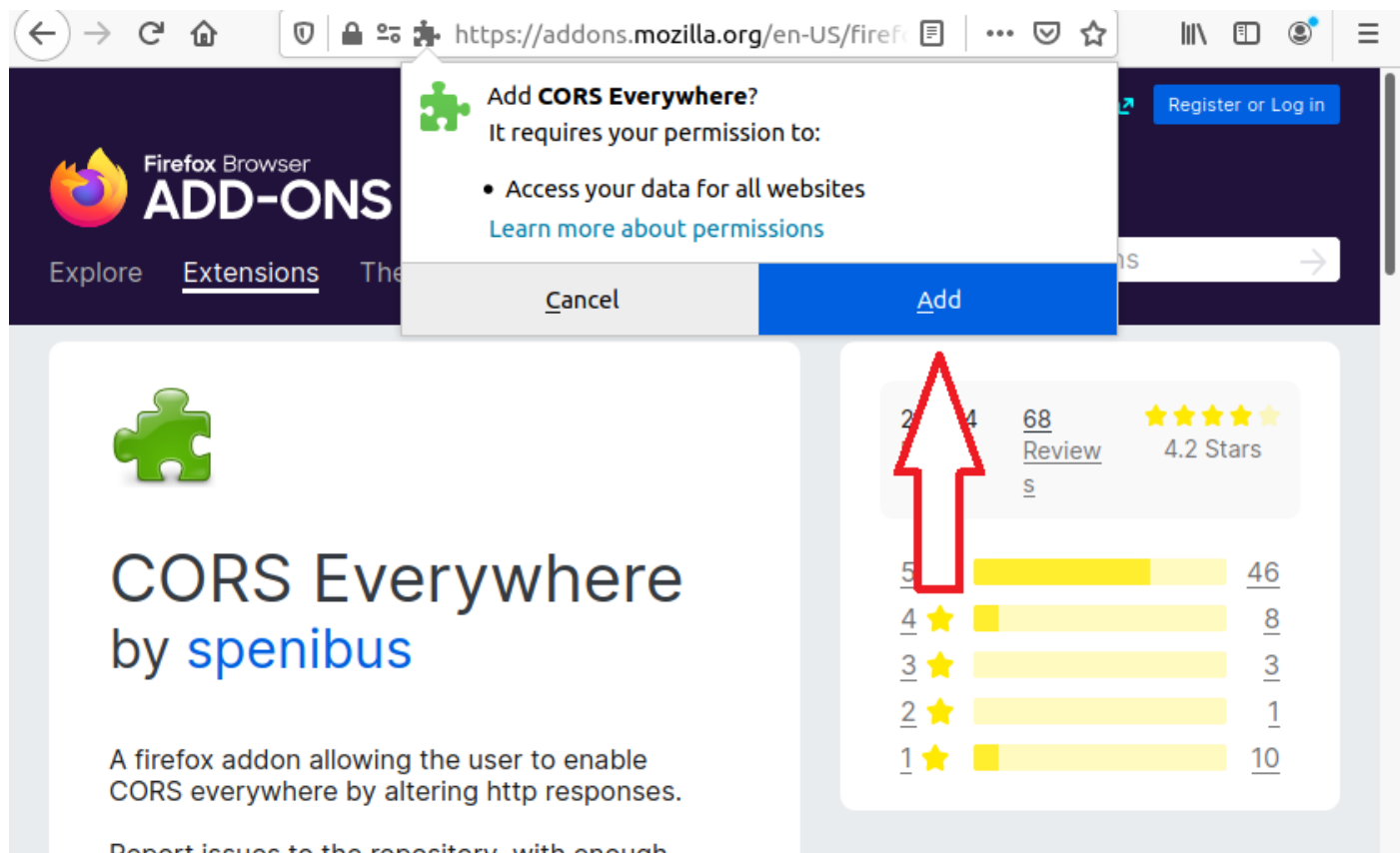
24,694 Users

68 Reviews

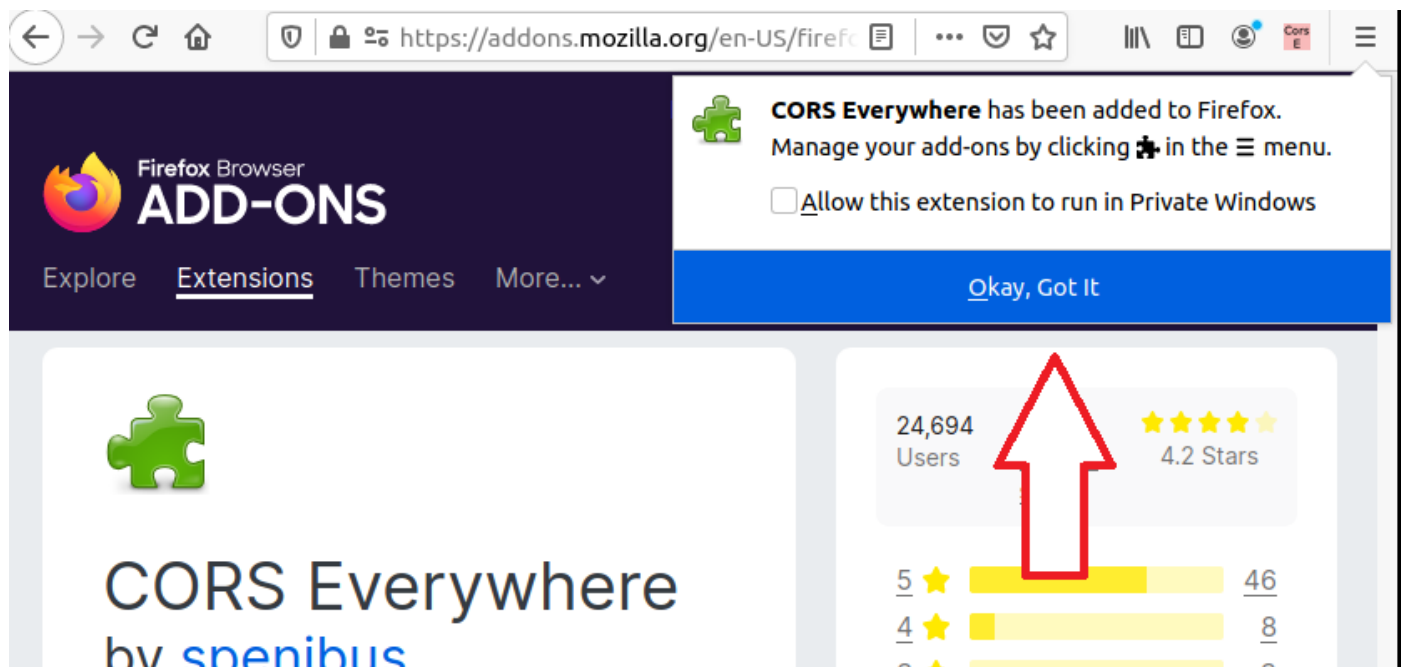
 4.2 Stars

5 	<div></div>	46
4 	<div></div>	8
3 	<div></div>	3
2 	<div></div>	1
1 	<div></div>	10

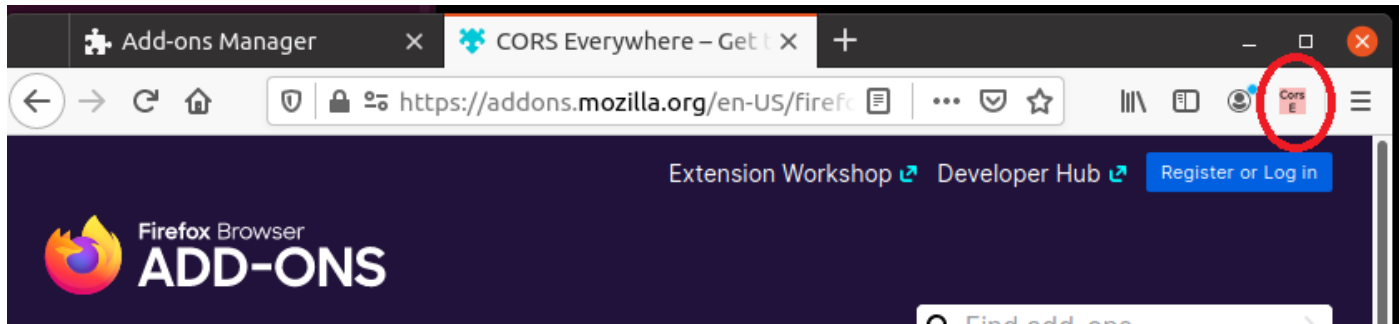
5. You will get a message to confirm the plugin, click on *Add*



6. You will then get a message, click *Okay Got It*



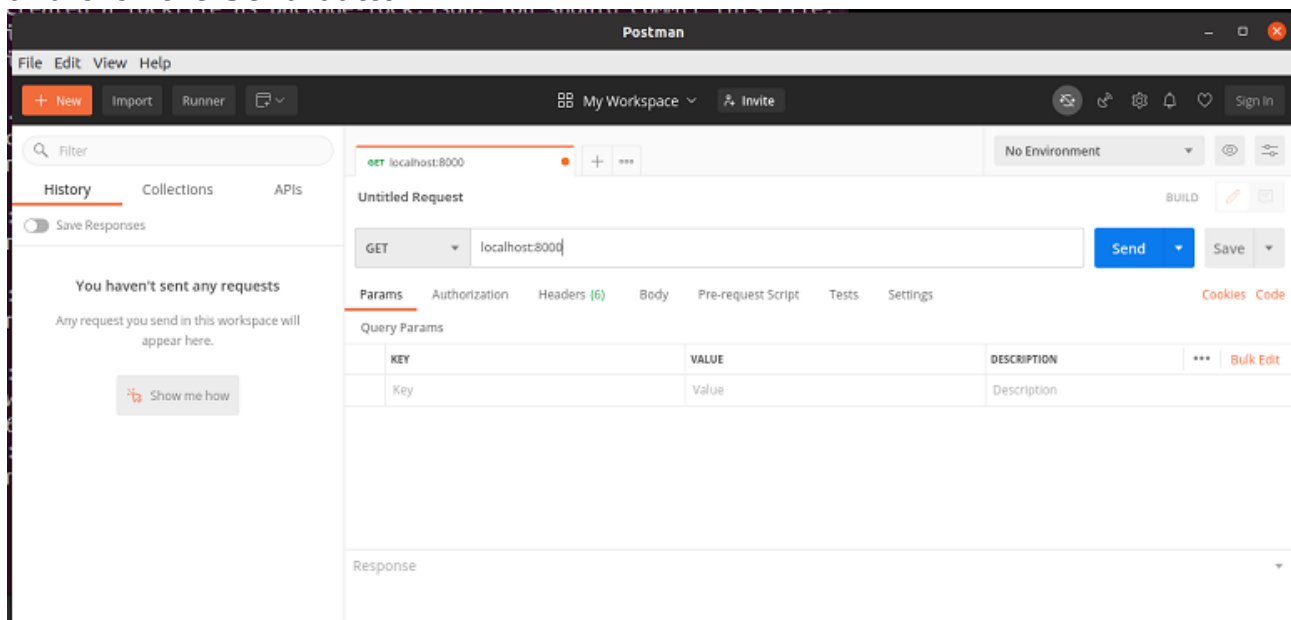
- The plugin will appear as a very small icon at the top of your browser interface, if it appears pink/orange, then it is NOT on. To turn it on, click on it, it will change to green, meaning on.



Appendix

Configuring Postman

- You do not have to create an account if prompted to do so. There is a small grey line at the very bottom which says: *Skip signing in and take me straight to the app*. You can choose this option.
- On the next window, you can close the Launchpad tab.
- Just click on the + icon which will open a new window with the default GET request setup.
- To make a GET request to an app on your local machine, just enter the address and click the Send button:



5. Here is the result of one api call:

