**Server Setup**

Below I have outlined the steps I used to setup the server I used when testing my flask API. The steps may be a little different depending on the hardware and software setup of the server. I am have tested and got this working on both windows 10 and Ubuntu 16.04.

In order to make this project easier to replicate I have included a file named environment. yml which you can use to quickly install all of the packages I used in this project.

**Creating an environment using environment.yml file**

1. Open terminal and move to the **environment**.yml file.

2. Then create a virtual environment by typing the below command:

conda env create -f **environment**.yml

( Note : “kerasflaskapi” is the name of the virtual environment.)

3. Activate virtual environment by typing the below command in terminal:

conda activate kerasflaskapi (All the dependencies will be installed)

This will create an environment with all of the same packages and package versions that I used.

**Initial Setup (How I got to the stage where I could do the above)**

1. The first step is installing the newest versions of packages using the following commands
   1. 
   2. 
2. Next, we need to do is install anaconda (which has the distribution of python and package manager we will use):
   1. Download latest version: 
   2. Install: 
3. Next, we set the environment variable for coda.

(Currently, if we try to use conda we will get a “command not found error)

* 1. We do this with the following command: 
  2. We can check the success of the above as follows: 