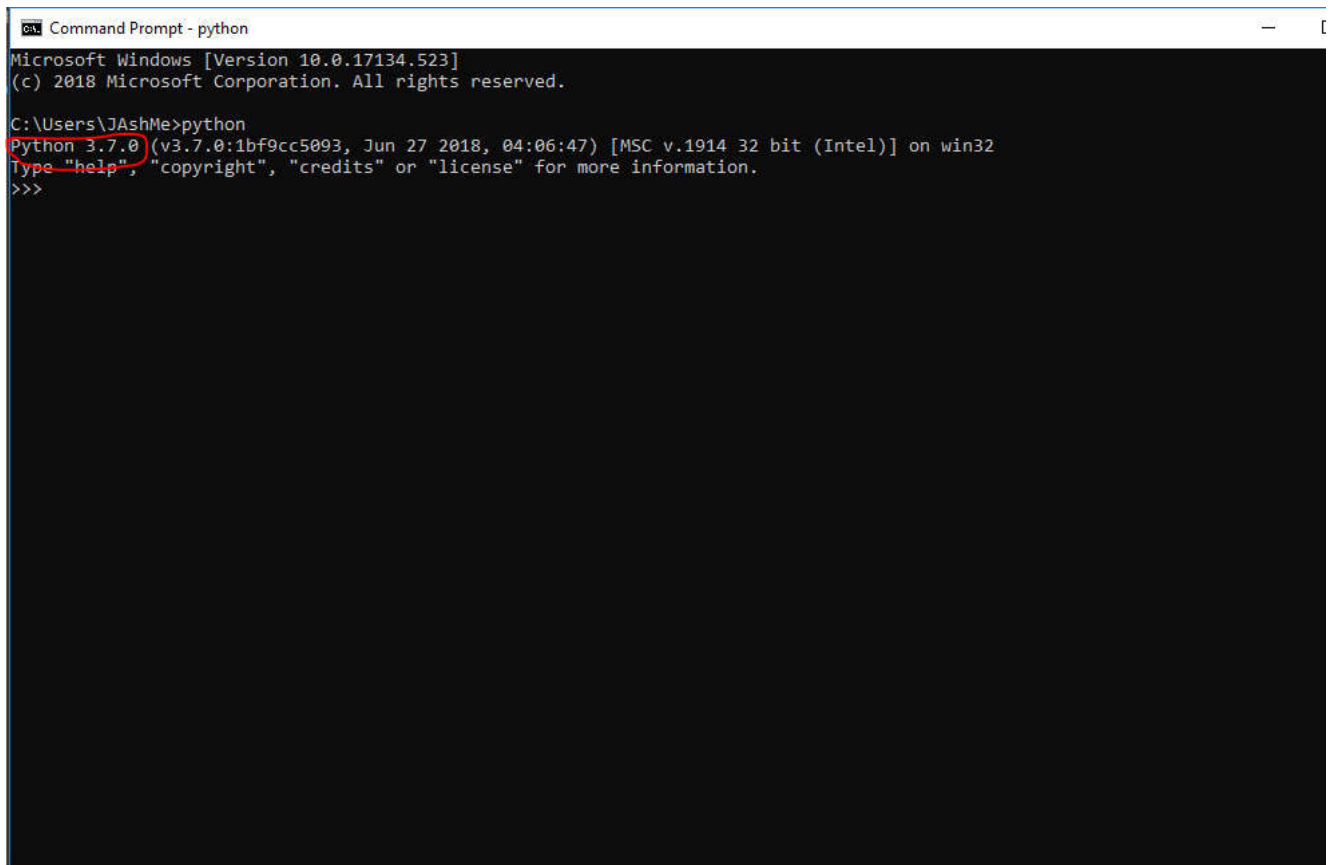


Steps to Install Django on Windows System

• Step 1: Check if Python3 Present

- Open Command Prompt
- Type in following command :
python
- Press Enter
- If you get
not recognized as external or internal command
then python is not installed.
- If it runs, following kind of output should be there:



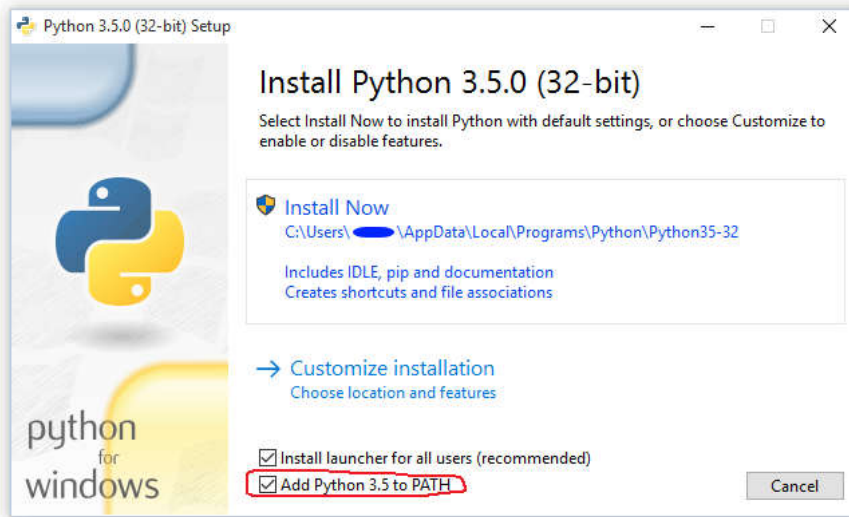
```
Command Prompt - python
Microsoft Windows [Version 10.0.17134.523]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\JAshMe>python
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

- Check the version which is displayed in the region marked in above image.
- If its 3.x then Python3 is installed :). **You can skip Step 2** .
- For all other cases execute Step 2.

• Step 2: Download and Install Python3

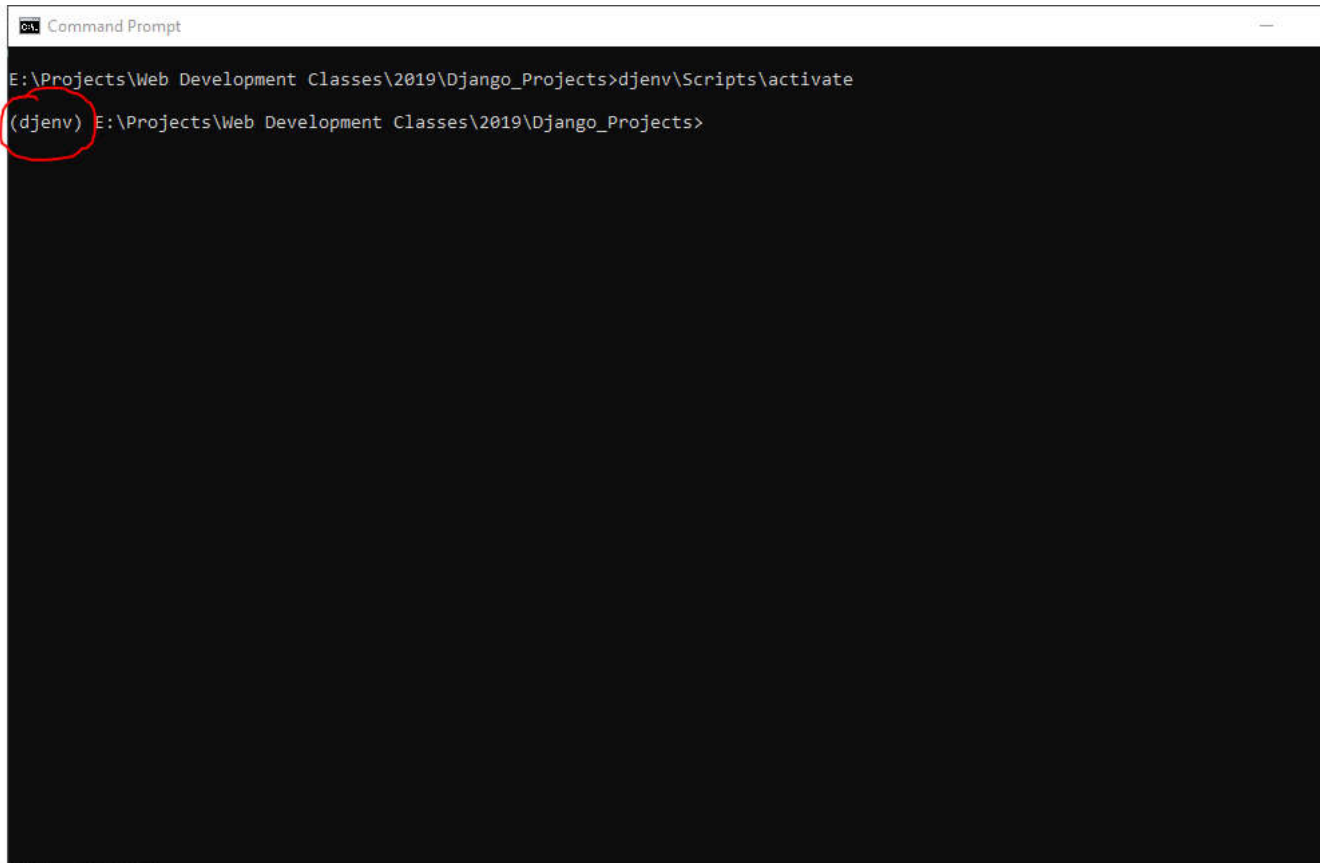
- Visit "<https://www.python.org/downloads/>"
- Download the latest Python and Install it.
- Don't forget to add it to PATH variable.



- Verify the installation by executing Step 1.

- **Step 3: Create A Virtual Environment and Enter it**

- Make a New Folder in Desired Location and Name it as 'Django_Projects'
- Open Command Prompt and Move inside that Folder
- Execute Following Command:
`python -m venv djenv`
- This will create a directory named 'djenv' which is the new environment created
- Then Execute:
`djenv\Scripts\activate`
- You should see environment name besides the command line as shown below:



- This means you have entered into the environment.

- **Step 4: Set up Proxy in CMD**

- Enter the following Commands:
set HTTP_PROXY=http://edcguest:edcguest@172.31.100.29:3128
set HTTPS_PROXY=%HTTP_PROXY%
- You can check the proxy set by following command:
echo %HTTPS_PROXY%

- **Step 5: Downloading and Installing Django**

- Enter the following command(in the same environment ie: djenv):
python -m pip install --upgrade pip
pip install django
- It will download and install the necessary files.
- You can verify the installation by typing following command:
python
>>import django
>>django.VERSION

CA Command Prompt - python

```
(djenv) E:\Projects\Web Development Classes\2019\Django_Projects>python
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import django
>>> django.VERSION
(2, 1, 5, 'final', 0)
>>>
```

- If output matches with given kind of output, then django is installed properly :).