Python3 installation – Ubuntu

Open your terminal and issue the following commands:
- sudo apt install python3.8
- python3.8 --version

The result of the last command should be the following:

```
oldem@ubuntu:~$ python3.8 --version
Python 3.8.6
```

After that, run the following commands:
- sudo apt install python3-pip
- python3.8 -m pip -Vf

The result of the last command should be the following:

```
oldem@ubuntu:~$ python3.8 -m pip -V
pip 20.1.1 from /usr/lib/python3/dist-packages/pip (python 3.8)
```

After that issue the following commands:
- python3.8 -m pip install -U pip
- python3.8 -m pip install virtualenv

To check that everything has been installed correctly issue these last commands:
- mkdir test
- cd test
- python3.8 -m virtualenv ./venv
- source venv/bin/activate
- python --version
- pip -V
- deactivate
- cd ..
- sudo rm -R test

The result should be the following:

```
oldem@ubuntu:~$ mkdir test
oldem@ubuntu:~$ cd test
oldem@ubuntu:~/test$ python3.8 -m virtualenv ./venv
created virtual environment CPython3.8.6.final.0-64 in 139ms
  creator CPython3Posix(dest=/home/oldem/test/venv, clear=False, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/oldem/.local/share/virtualenv)
    added seed packages: pip==21.1.1, setuptools==56.0.0, wheel==0.36.2
  activators BashActivator,CShellActivator,FishActivator,PowerShellActivator,PythonActivator,XonshActivator
oldem@ubuntu:~/test$ source venv/bin/activate
(venv) oldem@ubuntu:~/test$ python --version
Python 3.8.6
(venv) oldem@ubuntu:~/test$ pip -V
pip 21.1.1 from /home/oldem/test/venv/lib/python3.8/site-packages/pip (python 3.8)
(venv) oldem@ubuntu:~/test$ deactivate
oldem@ubuntu:~/test$ cd ..
oldem@ubuntu:~$ sudo rm -R test
```

If everything is similar to what is shown in the image above, everything is installed correctly.