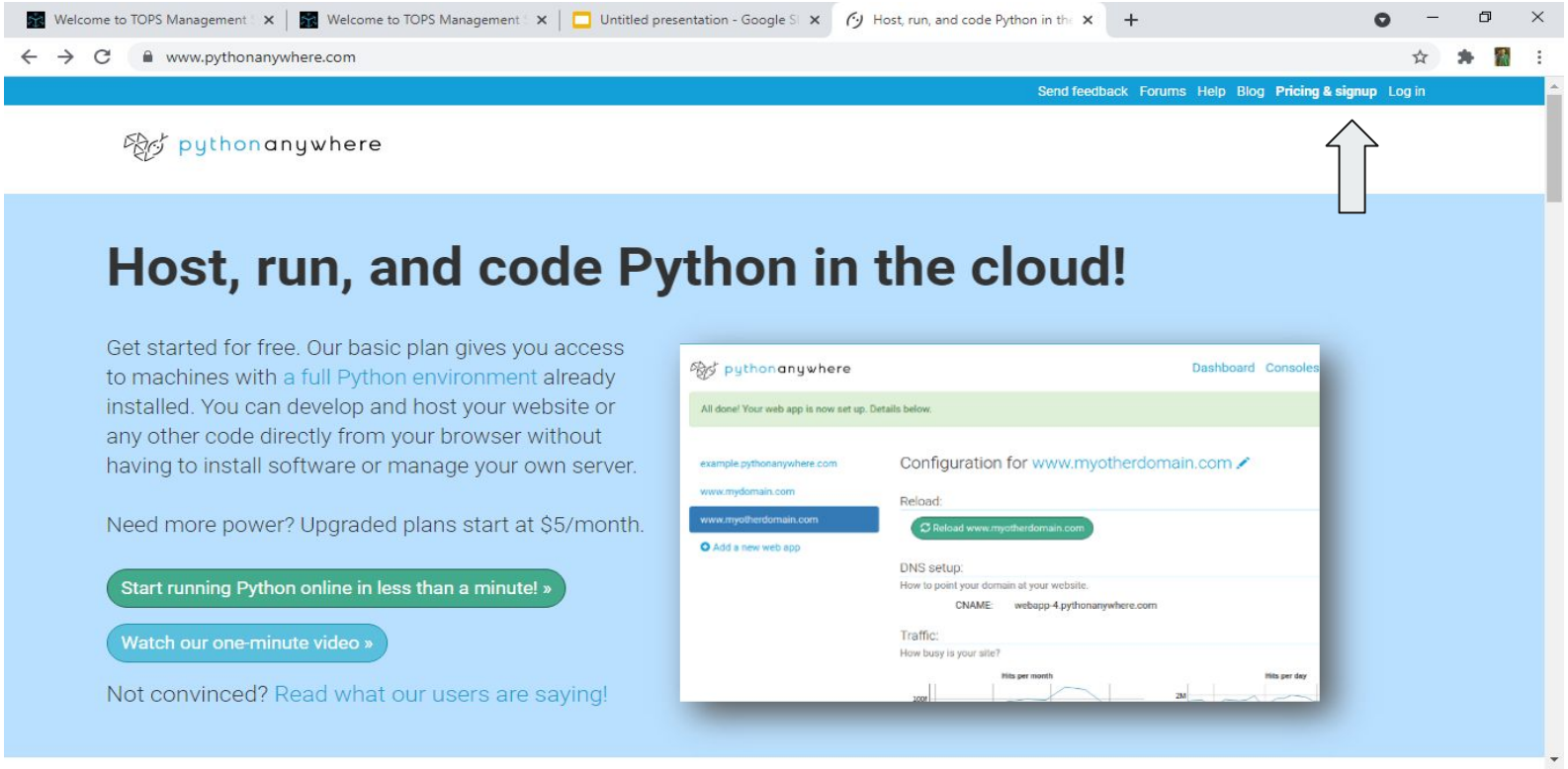
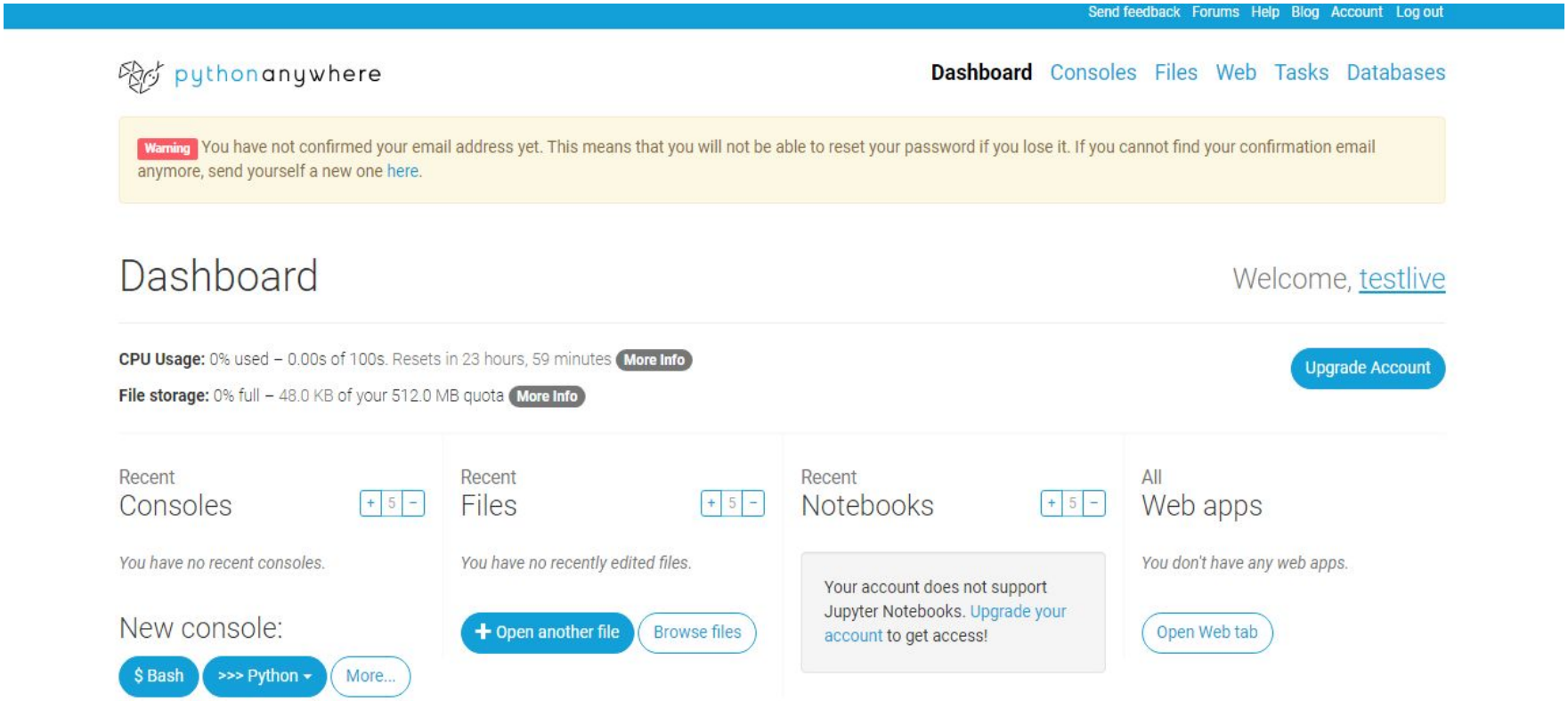
Live Project on Pythonanywhere

By : Jay Kothari

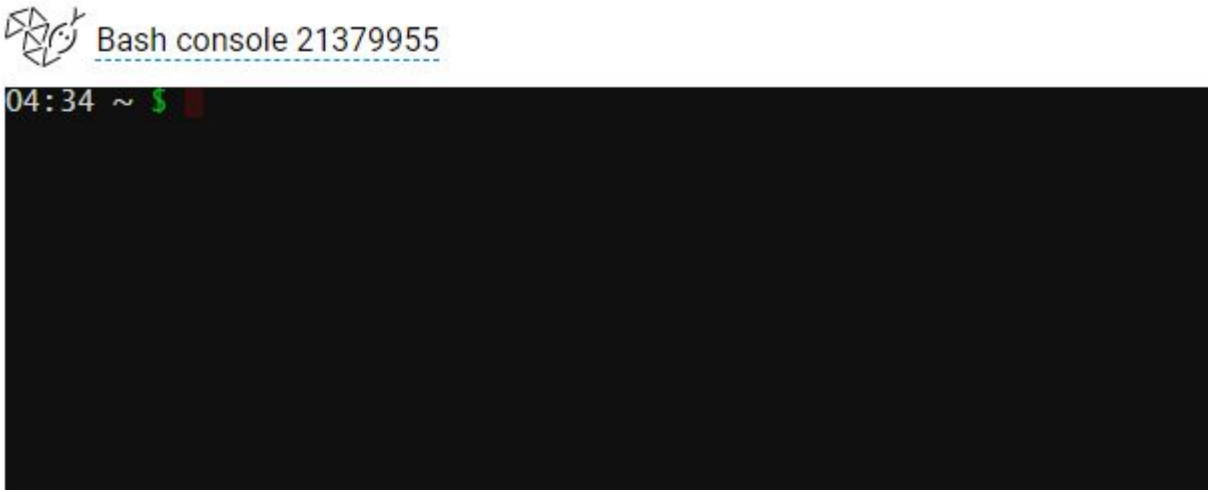
Create an account on Pythonanywhere.com



Home Page

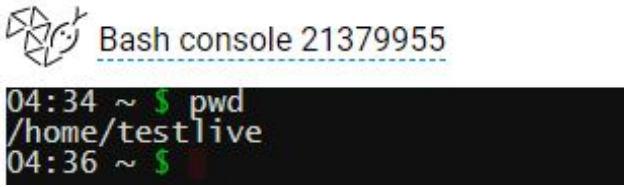

Send feedback Forums Help Blog Account Log out
pythonanywhere
Dashboard Consoles Files Web Tasks Databases
Warning You have not confirmed your email address yet. This means that you will not be able to reset your password if you lose it. If you cannot find your confirmation email anymore, send yourself a new one here.
Dashboard
Welcome, testlive
CPU Usage: 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes More Info
File storage: 0% full – 48.0 KB of your 512.0 MB quota More Info
Upgrade Account
Recent Consoles
You have no recent consoles.
New console:
$ Bash
>>> Python
More...
Recent Files
You have no recently edited files.
Open another file
Browse files
Recent Notebooks
Your account does not support Jupyter Notebooks. Upgrade your account to get access!
All Web apps
You don't have any web apps.
Open Web tab

Open Bash console



Check Directory and Create Virtual Environment

Check Directory : pwd

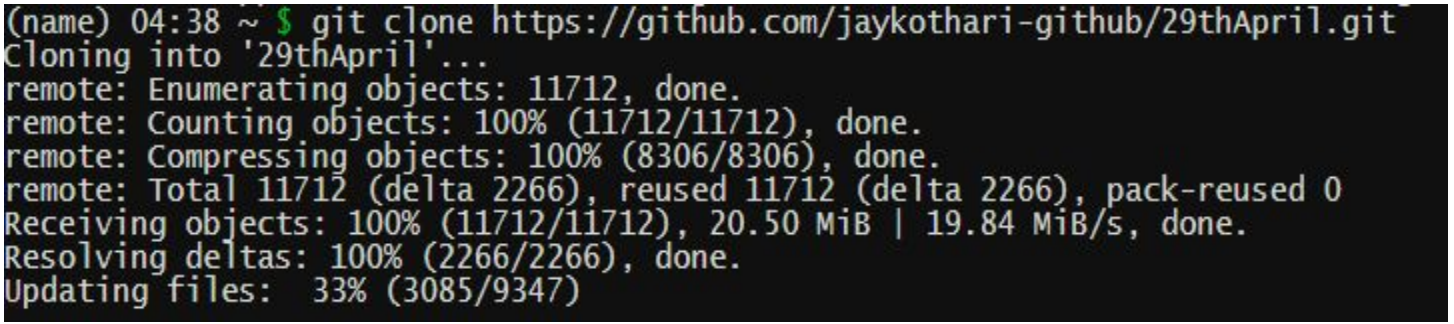


Create Virtual Environment : mkvirtualenv jk --python=/usr/bin/python3.9

```
04:36 ~ $ mkvirtualenv name --python=/usr/bin/python3.9
created virtual environment CPython3.9.5.final.0-64 in 11074ms
  creator CPython3Posix(dest=/home/testlive/.virtualenvs/name, clear=False, no_vcs_ignore=False, global=False)
  seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/testlive/.local/share/virtualenv)
    added seed packages: pip==21.1.2, setuptools==57.0.0, wheel==0.36.2
  activators BashActivator,CShellActivator,FishActivator,PowerShellActivator,PythonActivator,XonshActivator
virtualenvwrapper.user_scripts creating /home/testlive/.virtualenvs/name/bin/predeactivate
virtualenvwrapper.user_scripts creating /home/testlive/.virtualenvs/name/bin/postdeactivate
virtualenvwrapper.user_scripts creating /home/testlive/.virtualenvs/name/bin/preactivate
virtualenvwrapper.user_scripts creating /home/testlive/.virtualenvs/name/bin/postactivate
virtualenvwrapper.user_scripts creating /home/testlive/.virtualenvs/name/bin/get_env_details
(name) 04:38 ~ $
```

Clone your Repository

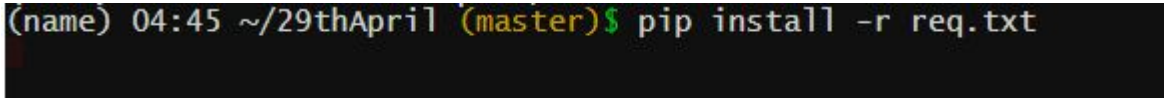
>> git clone {http url of repository}



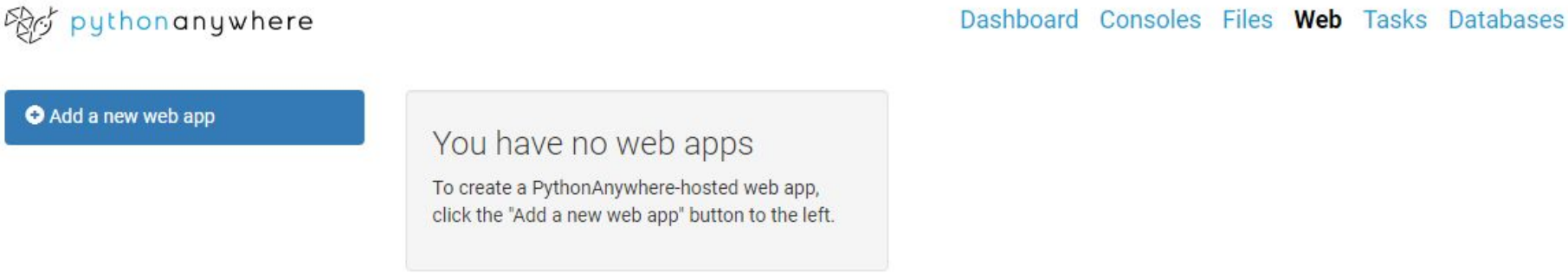
And Check files of Project in File section from dashboard.

Install Requirement.txt file

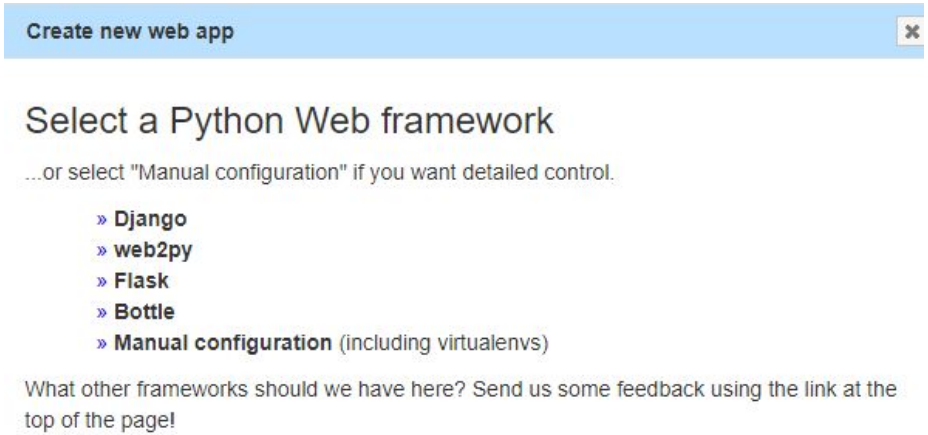
>> pip install -r req.txt



Setup Web

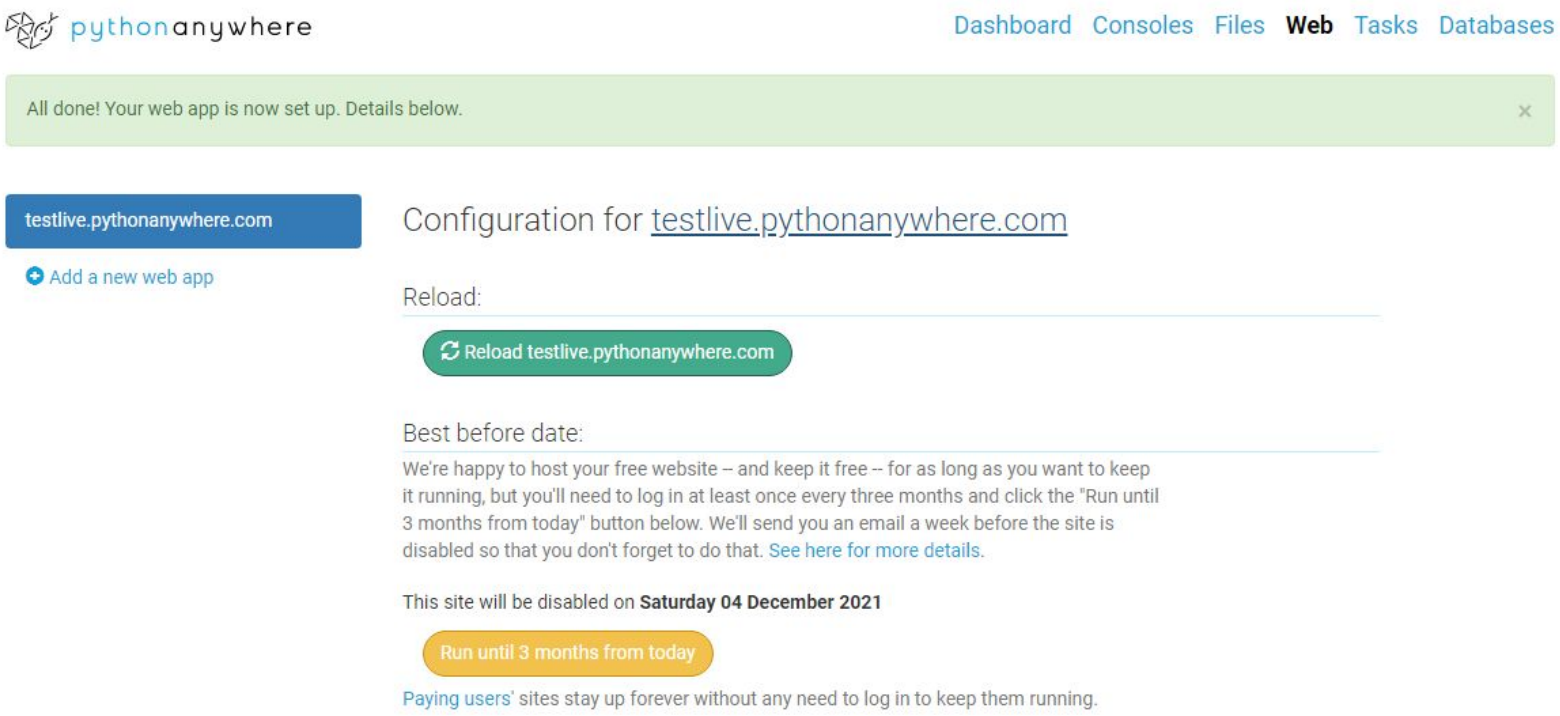

pythonanywhere
Dashboard Consoles Files Web Tasks Databases
Add a new web app
You have no web apps
To create a PythonAnywhere-hosted web app,
click the "Add a new web app" button to the left.

Go to Manual Configuration

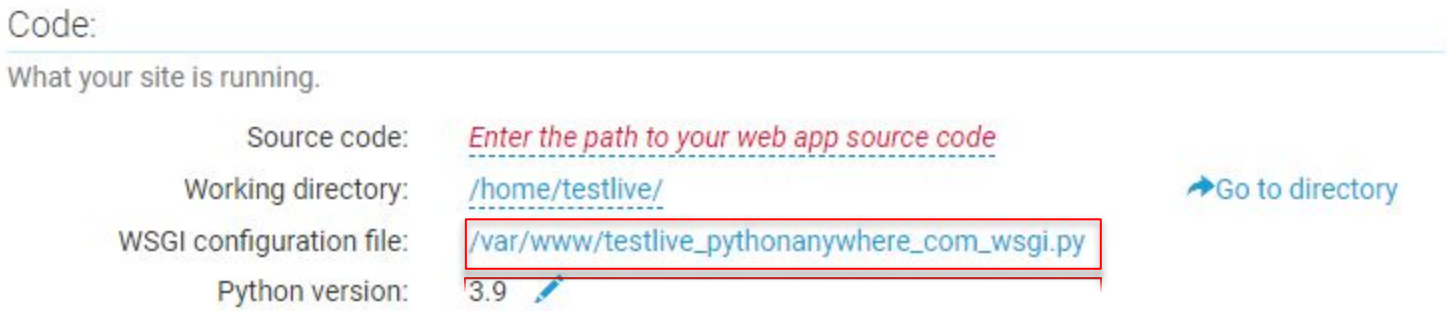


>> And select the python version

Complete Setup screen



Activate Web for Django

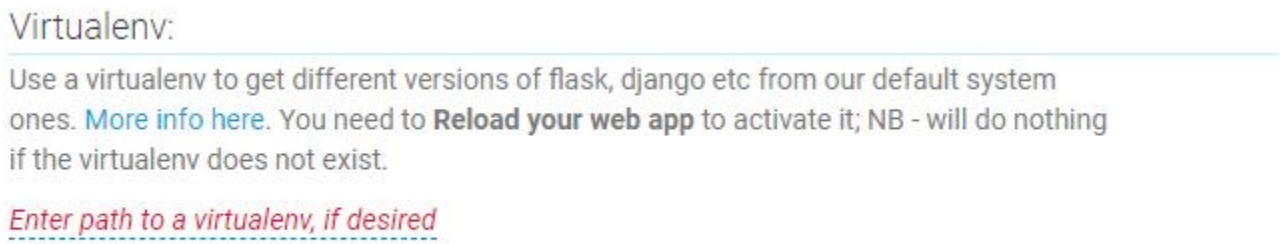


Uncomment Django Part

```
# +++++++++++ DJANGO +++++++++++
# To use your own django app use code like this:
import os
import sys

# assuming your django settings file is at '/home/testlive/mysite/mysite/settings.py'
# and your manage.py is is at '/home/testlive/mysite/manage.py'
path = '/home/testlive/mysite'
if path not in sys.path:
    sys.path.append(path)

os.environ['DJANGO_SETTINGS_MODULE'] = 'mysite.settings'

# then:
from django.core.wsgi import get_wsgi_application
application = get_wsgi_application()
```

And Change Project Name as per yours.

Setup The Environment



- Give the name of your Environment.

Go To Settings.py and Setup allowed Host and static files

- Setup allowed Host for Python anywhere

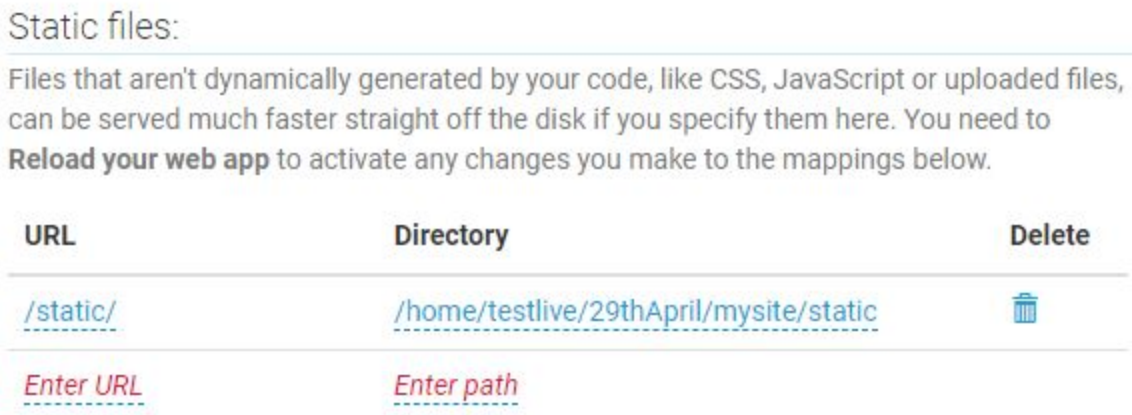
```
ALLOWED_HOSTS = ["*",]
```

- Setup static files root

```
STATIC_URL = '/static/'
STATIC_ROOT = '/home/testlive/29thApril/mysite/static'
```

- Save settings.py

Go To Web and Setup Static Files URL and Root

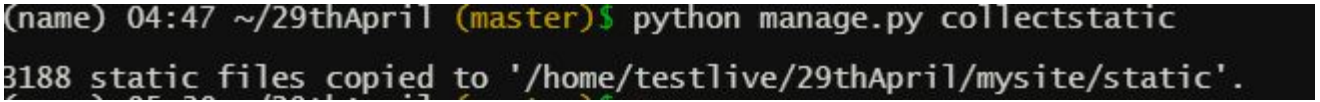


STATIC_URL >> /static/

STATIC_ROOT >> '/home/testlive/29thApril/mysite/static'

Go To Bash

>> python manage.py collectstatic



Reload WEB and Check URL