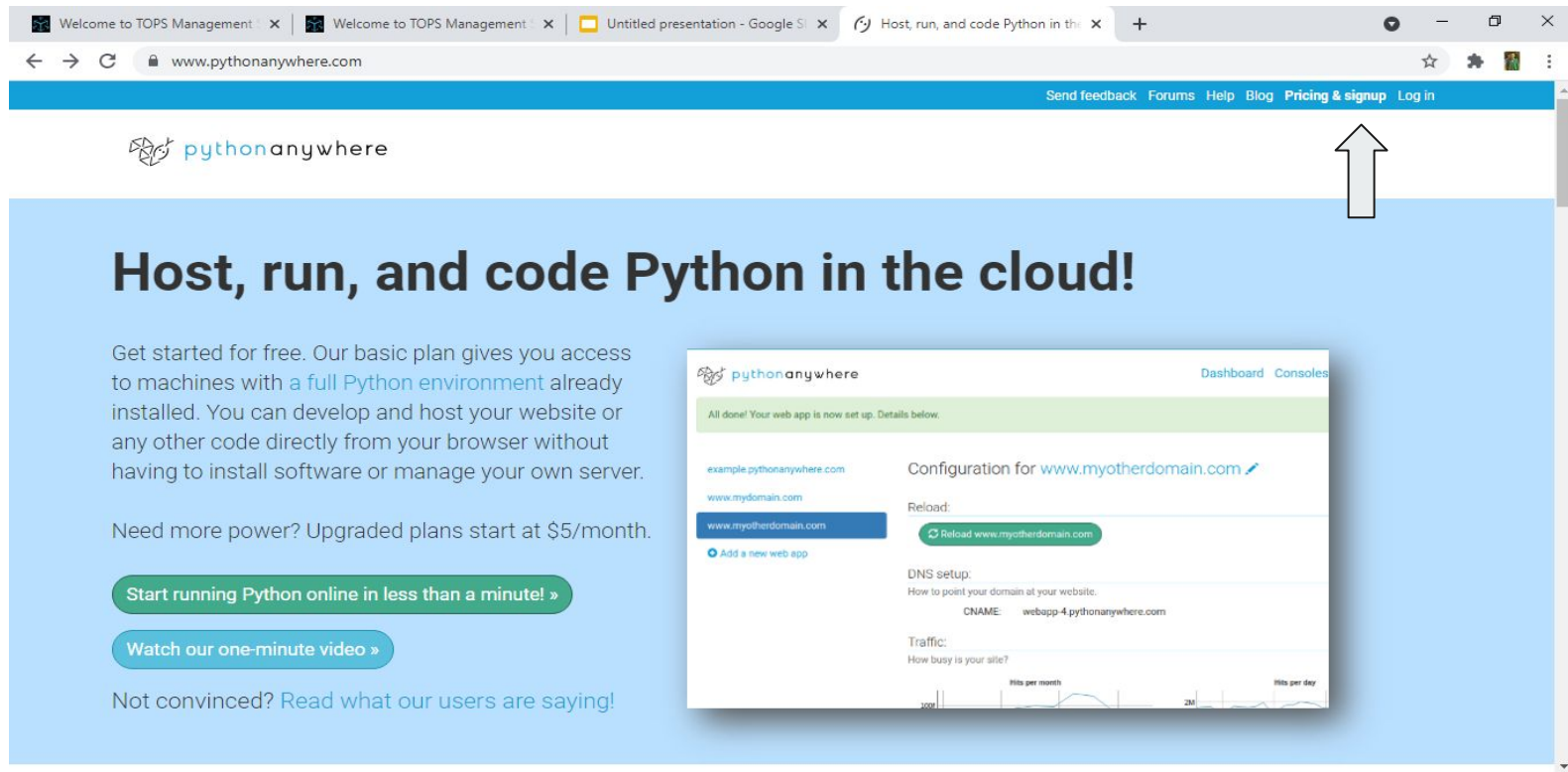




Live Project on Pythonanywhere

By : Jay Kothari

Create an account on Pythonanywhere.com



The screenshot shows a web browser with multiple tabs. The active tab is 'www.pythonanywhere.com'. The website has a blue header with navigation links: 'Send feedback', 'Forums', 'Help', 'Blog', 'Pricing & signup', and 'Log in'. The main content area has a light blue background with the text 'Host, run, and code Python in the cloud!'. Below this, there is a paragraph about getting started for free, followed by two buttons: 'Start running Python online in less than a minute! »' and 'Watch our one-minute video »'. At the bottom, it says 'Not convinced? Read what our users are saying!'. On the right side, there is a preview of the Pythonanywhere dashboard, which shows a configuration page for 'www.myotherdomain.com' with options to reload and add a new web app, and a traffic graph.

Welcome to TOPS Management x Welcome to TOPS Management x Untitled presentation - Google S x Host, run, and code Python in the x +

www.pythonanywhere.com

Send feedback Forums Help Blog Pricing & signup Log in

pythonanywhere

Host, run, and code Python in the cloud!

Get started for free. Our basic plan gives you access to machines with a [full Python environment](#) already installed. You can develop and host your website or any other code directly from your browser without having to install software or manage your own server.

Need more power? Upgraded plans start at \$5/month.

[Start running Python online in less than a minute! »](#)

[Watch our one-minute video »](#)

Not convinced? [Read what our users are saying!](#)

pythonanywhere Dashboard Consoles

All done! Your web app is now set up. Details below.

[example.pythonanywhere.com](#)

[www.mydomain.com](#)

[www.myotherdomain.com](#)

[Add a new web app](#)

Configuration for [www.myotherdomain.com](#)

Reload:

[Reload www.myotherdomain.com](#)

DNS setup:

How to point your domain at your website.

CNAME: [webapp-4.pythonanywhere.com](#)

Traffic:

How busy is your site?

Hits per month

Hits per day

Home Page

[Send feedback](#) [Forums](#) [Help](#) [Blog](#) [Account](#) [Log out](#)



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](#)

[Upgrade Account](#)

File storage: 0% full – 48.0 KB of your 512.0 MB quota [More Info](#)

Recent Consoles

+ 5 -

You have no recent consoles.

New console:

\$ Bash

>>> Python ▾

[More...](#)

Recent Files

+ 5 -

You have no recently edited files.

[+ Open another file](#)

[Browse files](#)

Recent Notebooks

+ 5 -

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



Bash console 21379955

04:34 ~ \$



Check Directory and Create Virtual Environment

Check Directory : pwd



Bash console 21379955

```
04:34 ~ $ pwd
/home/testlive
04:36 ~ $
```

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}

```
(name) 04:38 ~ $ git clone https://github.com/jaykothari-github/29thApril.git
Cloning into '29thApril'...
remote: Enumerating objects: 11712, done.
remote: Counting objects: 100% (11712/11712), done.
remote: Compressing objects: 100% (8306/8306), done.
remote: Total 11712 (delta 2266), reused 11712 (delta 2266), pack-reused 0
Receiving objects: 100% (11712/11712), 20.50 MiB | 19.84 MiB/s, done.
Resolving deltas: 100% (2266/2266), done.
Updating files: 33% (3085/9347)
```

And Check files of Project in File section from dashboard.

Install Requirement.txt file

>> pip install -r req.txt

```
(name) 04:45 ~/29thApril (master)$ pip install -r req.txt
```

Setup Web



[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



Create new web app ✕

Select a Python Web framework

...or select "Manual configuration" if you want detailed control.

- » Django
- » web2py
- » Flask
- » Bottle
- » **Manual configuration** (including virtualenvs)

What other frameworks should we have here? Send us some feedback using the link at the top of the page!

>> And select the python version

Complete Setup screen



[Dashboard](#) [Consoles](#) [Files](#) **Web** [Tasks](#) [Databases](#)

All done! Your web app is now set up. Details below.



testlive.pythonanywhere.com

[+ Add a new web app](#)

Configuration for testlive.pythonanywhere.com

Reload:

[↻ Reload testlive.pythonanywhere.com](#)

Best before date:

We're happy to host your free website – and keep it free – for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

This site will be disabled on **Saturday 04 December 2021**

[Run until 3 months from today](#)

[Paying users'](#) sites stay up forever without any need to log in to keep them running.

Activate Web for Django


Code:

What your site is running.

Source code: *Enter the path to your web app source code*

Working directory: /home/testlive/

WSGI configuration file: /var/www/testlive_pythonanywhere_com_wsgi.py

Python version: 3.9 

 Go to directory

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 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



Virtualenv:

Use a virtualenv to get different versions of flask, django etc from our default system ones. [More info here](#). You need to **Reload your web app** to activate it; NB - will do nothing if the virtualenv does not exist.

Enter path to a virtualenv, if desired

- 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 files:

Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

URL	Directory	Delete
/static/	/home/testlive/29thApril/mysite/static	
Enter URL	Enter path	

```
STATIC_URL >> /static/
```

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

Go To Bash



>> python manage.py collectstatic

```
(name) 04:47 ~/29thApril (master)$ python manage.py collectstatic
3188 static files copied to '/home/testlive/29thApril/mysite/static'.
```


Reload WEB and Check URL



Configuration for testlive.pythonanywhere.com

Reload:

 Reload testlive.pythonanywhere.com

