

Cara melakukan Deploy Website Berbasis Python ke layanan Pythonanywhere

1. Kunjungi link website: <https://www.pythonanywhere.com/>
2. Klik menu Pricing & Signup dan klik **Create a Beginner account**

Beginner: Free!

A **limited account** with one web app at `your-username.pythonanywhere.com`, restricted outbound Internet access from your apps, low CPU/bandwidth, no IPython/Jupyter notebook support.
It works and it's a great way to get started!

Create a Beginner account

3. Lengkapi isian form dan klik **Register**

Create your account

Username:

Email:

Password:


Password (again):

☐ I agree to the [Terms and Conditions](#) and the [Privacy and Cookies Policy](#), and confirm that I am at least 13 years old.

Register

We promise not to spam or pass your details on to anyone else.

4. Apabila proses registrasi berhasil maka diarahkan ke halaman dashboard

 pythonanywhere
by ANACONDA

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, [ekskulcoding](#)

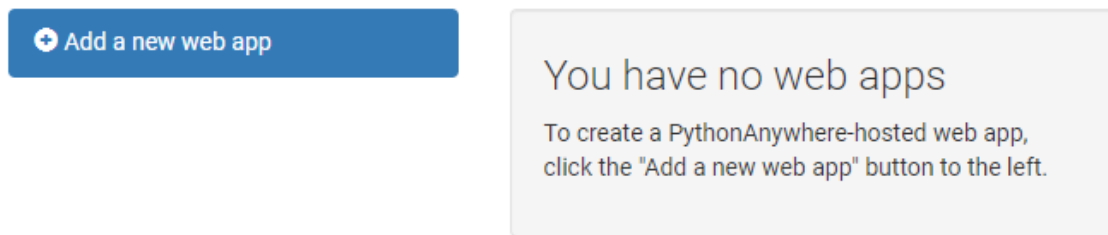
CPU Usage: 0% used – 0.00s of 100s. Resets in 23 hours, 59 minutes [More Info](#)

File storage: 0% full – 60.0 KB of your 512.0 MB quota [More Info](#)

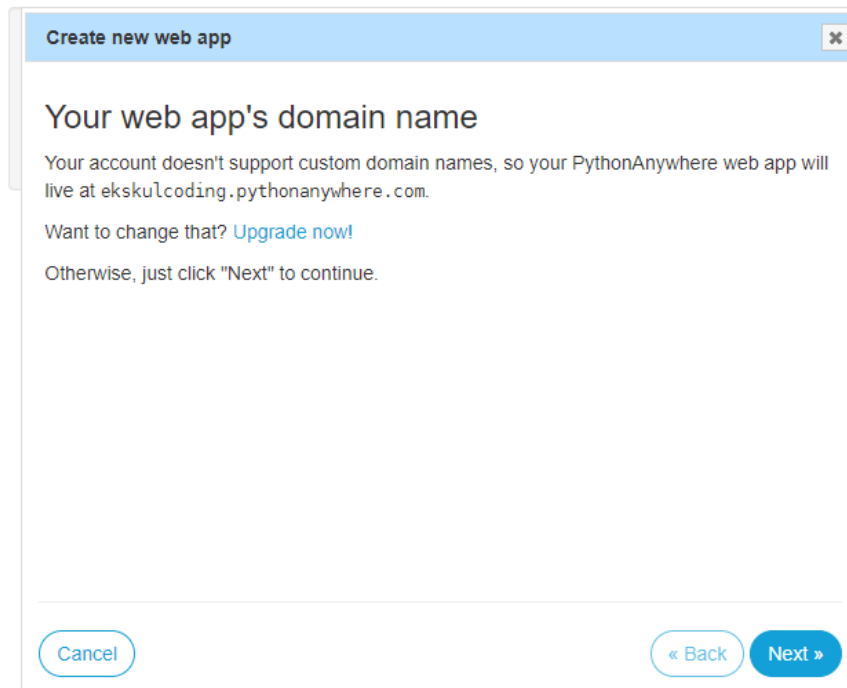
[Upgrade Account](#)

Recent Consoles + 5 -	Recent Files + 5 -	Recent Notebooks + 5 -	All Web apps
You have no recent consoles.	You have no recently edited files.	Your account does not support Jupyter Notebooks. Upgrade your account to get access!	You don't have any web apps.
New console: \$ Bash >>> Python > More...	+ Open another file Browse files		Open Web tab

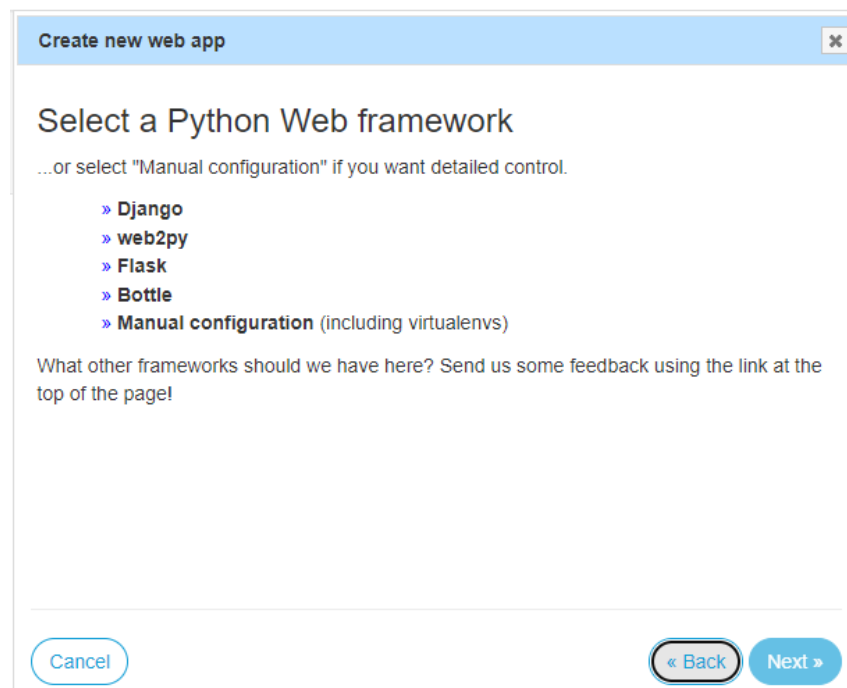
5. Klik tombol **Open Web Tab** untuk memulai membuat aplikasi website



6. Klik tombol **Add a new web app**



7. Klik **Next** dan Pilih **Flask**



8. Pilih **Python 3.10**

Select a Python version

- » **Python 3.7** (Flask 2.1.2)
- » **Python 3.8** (Flask 2.1.2)
- » **Python 3.9** (Flask 2.1.2)
- » **Python 3.10** (Flask 2.1.2)

Note: If you'd like to use a different version of Flask to the default version, you can use a virtualenv for your web app. There are [instructions here](#).


9. Klik Next

Create new web app ✕

Quickstart new Flask project

Enter a path for a Python file you wish to use to hold your Flask app. If this file already exists, its contents will be overwritten with the new app.


Path



Cancel « Back Next »

10. Silahkan menunggu sampai proses selesai

Send feedback Forums Help Blog Account Log out

 **pythonanywhere**
by ANACONDA

Dashboard Consoles Files **Web** Tasks Databases

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

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](#).

ekskulcoding.pythonanywhere.com ➕ Add a new web app

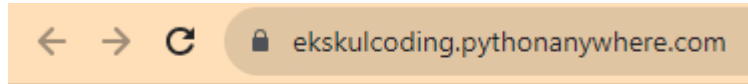
Configuration for [ekskulcoding.pythonanywhere.com](#)

Reload:
↻ Reload ekskulcoding.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 **Friday 16 February 2024**

11. Klik link <https://ekskulcoding.pythonanywhere.com/>



Hello from Flask!

12. Jika muncul tulisan **Hello From Flask** maka proses pembuatan website sudah berhasil. Langkah selanjutnya mempersiapkan file project yang akan di unggah. Pastikan project tersebut running pada 127.0.0.1:5000 atau pada url lokal yang ditentukan tanpa ada pesan kesalahan (*debug*).

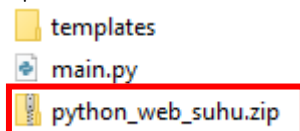
Contoh: project flask sederhana untuk konversi suhu



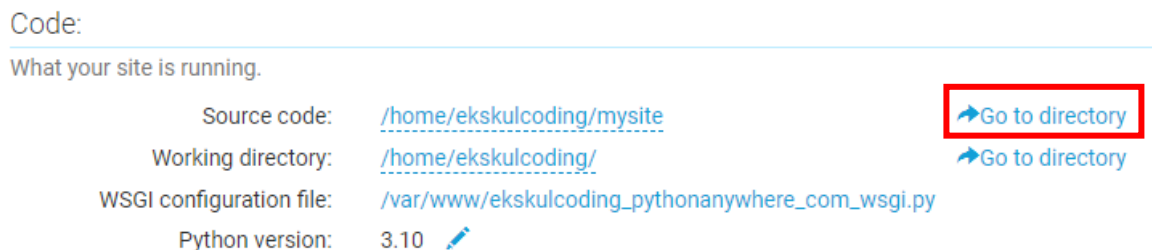
Konversi Suhu Celcius ke Kelvin

Suhu Celsius:

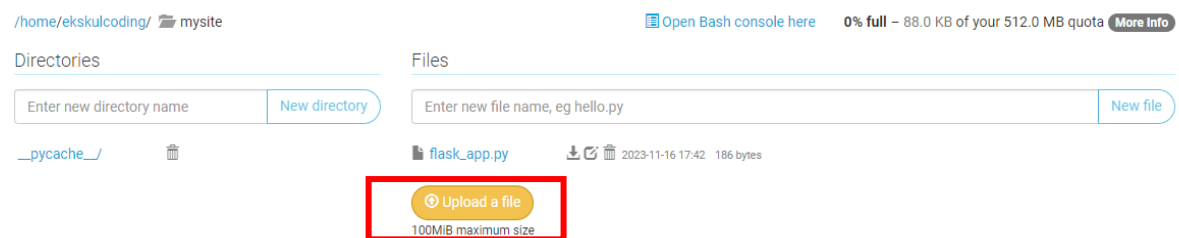
13. Siapkan file dalam bentuk zip

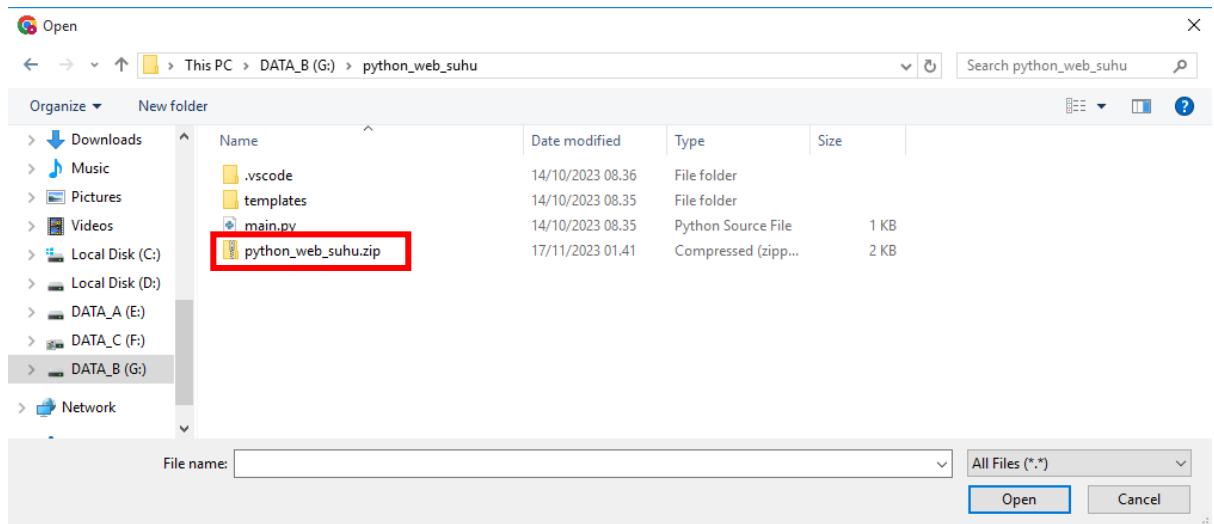


14. Arahkan ke direktori source code

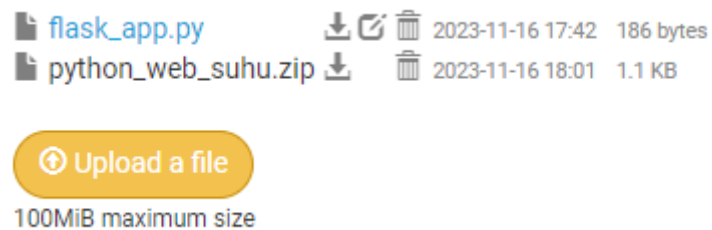


15. Pilih **Upload a file**





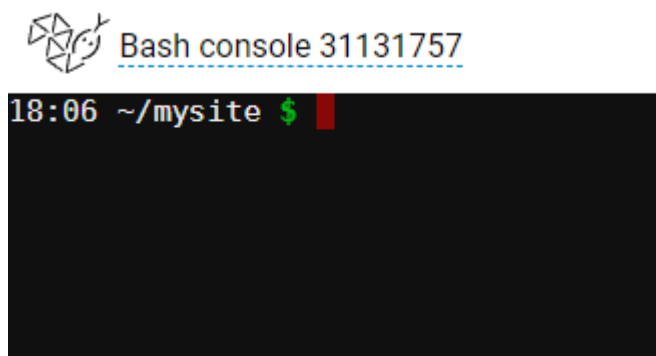
16. Jika upload berhasil maka muncul daftar file yang sudah diupload



17. Ekstrak file `python_web_suhu.zip` menggunakan terminal caranya klik tombol

[Open Bash console here](#)

18. Tampilan terminal



19. Untuk melihat daftar file ketik `ls` dan ketik `unzip python_web_suhu.zip` untuk melakukan Ekstrakt pada file `python_web_suhu.zip`




Bash console 31131757

```
18:06 ~/mysite $ ls
__pycache__  flask_app.py  python_web_suhu.zip
18:07 ~/mysite $ unzip python_web_suhu.zip
Archive:  python_web_suhu.zip
  inflating: main.py
   creating: templates/
  inflating: templates/index.html
18:09 ~/mysite $
```

20. Edit file konfigurasi wsgi dengan cara klik WSGI Configuration File

Code:

What your site is running.

Source code:	/home/ekskulcoding/mysite	Go to directory
Working directory:	/home/ekskulcoding/	Go to directory
WSGI configuration file:	/var/www/ekskulcoding-pythonanywhere_com_wsgi.py	
Python version:	3.10 	



/var/www/ekskulcoding-pythonanywhere_com_wsgi.py (unsaved changes)

```
1 # This file contains the WSGI configuration required to serve up your
2 # web application at http://<your-username>.pythonanywhere.com/
3 # It works by setting the variable 'application' to a WSGI handler of some
4 # description.
5 #
6 # The below has been auto-generated for your Flask project
7
8 import sys
9
10 # add your project directory to the sys.path
11 project_home = '/home/ekskulcoding/mysite'
12 if project_home not in sys.path:
13     sys.path = [project_home] + sys.path
14
15 # import flask app but need to call it "application" for WSGI to work
16 from main import app as application # noqa
17
```

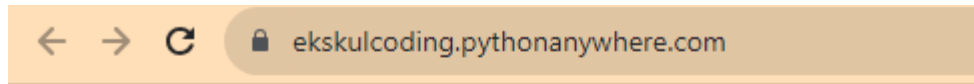
21. Klik Tombol **Reload**

Reload:



Reload ekskulcoding.pythonanywhere.com

22. Cek hasil akhir



Konversi Suhu Celcius ke Kelvin

Suhu Celcius:

23. Selesai