

Deploy a flask app on
[PythonAnywhere](#)

Register a free account



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Dashboard

Welcome, [rongpenl](#)

CPU Usage: 0% used – 0.00s of 100s. Resets in 5 hours, 5 minutes [More Info](#)

File storage: 2% full – 8.3 MB of your 512.0 MB quota [More Info](#)

[Upgrade Account](#)

Recent Consoles

+ 5 -

You have no recent consoles.

New console:

\$ Bash

>>> Python ▾

[More...](#)

Recent Files

+ 5 -

/var/www/
[rongpenl.pythonanywhere_com_wsgi.py](#)

/home/rongpenl/mysite/[flask_app.py](#)

/home/rongpenl/mysite/templates/
[result.html](#)

/home/rongpenl/mysite/templates/
[index.html](#)

[+ Open another file](#)

[Browse files](#)

Recent Notebooks

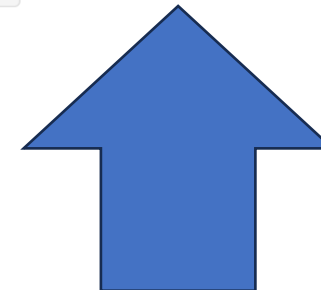
+ 5 -

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](#)



Pay attention to the name

- The username you registered with will be your domain name.
- e.g. amazingapp.pythonanywhere.com
- Customized domain name requires payment

Create a web app



 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.

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Use the default domain name



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+ Add a new web app

Create new web app

Your web app's domain name

Your account doesn't support custom domain names, so your PythonAnywhere web app will live at `rongpen1.pythonanywhere.com`.

Want to change that? [Upgrade now!](#)

Otherwise, just click "Next" to continue.

Cancel

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Next »

Choose the Flask framework



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+ Add a new web app

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!

Cancel

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Next »

Choose the project path (and Python version)



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+ Add a new web app

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

/home/rongpenl/mysite/flask_app.py

Cancel

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Next »

Change the working directory to the source code directory

It's 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 **Tuesday 19 September 2023**

Run until 3 months from today

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

Traffic:

How busy is your site?

This month (previous month)	98	(0)
Today (yesterday)	0	(0)
Hour (previous hour)	0	(0)

Want some more data? [Paying accounts](#) get pretty charts ;)

Code:

What your site is running.

Source code: </home/rongpenl/mysite>

[Go to directory](#)

Working directory:



[Go to directory](#)


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

Python version: 3.10

Open working directory

 pythonanywhere
by ANACONDA.
[/home/rongpen/](#)  mysite

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 [Open Bash console here](#) **2% full** – 8.3 MB of your 512.0 MB quota [More info](#)

Directories

[New directory](#)

[__pycache__/](#)



Files

[New file](#)

 [flask_app.py](#)

   2023-06-19 17:08 186 bytes

[Upload a file](#)

100MiB maximum size

Modify the flask_app.py file

 /home/rongpenl/mysite/flask_app.py

```
1
2 # A very simple Flask Hello World app for you to get started with...
3
4 from flask import Flask
5
6 app = Flask(__name__)
7
8 @app.route('/')
9 def hello_world():
10     return 'Hello from Flask!'
11
12
```

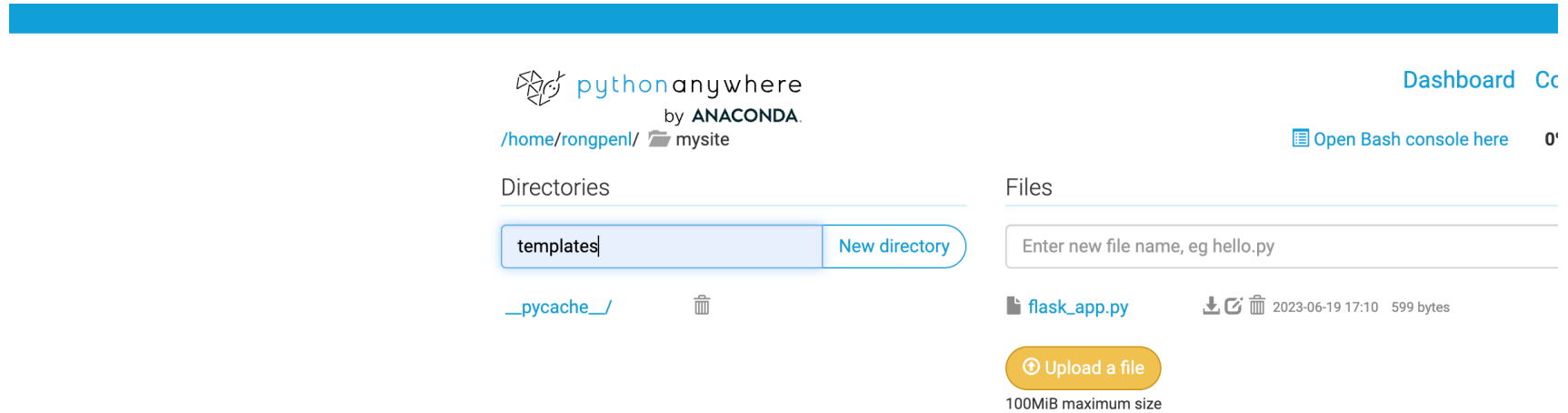
Copy the local file, removing the `__name__` part



/home/rongpenl/mysite/flask_app.py

```
1 from math import sqrt
2 from flask import Flask, render_template, request, jsonify
3 app = Flask(__name__)
4
5
6 @app.route('/', methods=['GET'])
7 def index():
8     return render_template('quadratic.html')
9
10
11 @app.route('/solve', methods=['POST'])
12 def solve():
13     user_data = request.json
14     a, b, c = user_data['a'], user_data['b'], user_data['c']
15     root_1, root_2 = _solve_quadratic(a, b, c)
16     return jsonify({'root_1': root_1, 'root_2': root_2})
17
18
19 def _solve_quadratic(a, b, c):
20     disc = b*b - 4*a*c
21     root_1 = (-b + sqrt(disc))/(2*a)
22     root_2 = (-b - sqrt(disc))/(2*a)
23     return root_1, root_2
```

Get other resources in place



The screenshot shows the PythonAnywhere web interface. At the top, there's a blue header bar. Below it, the page has a header section with the PythonAnywhere logo (a stylized 'P' with a snake) and the text 'pythonanywhere by ANACONDA.'. To the right of the logo, there are links for 'Dashboard' and 'C'. Below the header, the main content area is divided into two columns. The left column is titled 'Directories' and contains a search bar with 'templates' entered, a 'New directory' button, and a list of directories including '__pycache__/' with a trash icon. The right column is titled 'Files' and contains a text input field with the placeholder 'Enter new file name, eg hello.py'. Below this, there is a file entry for 'flask_app.py' with download, share, and delete icons, a timestamp '2023-06-19 17:10', and a size of '599 bytes'. At the bottom of the right column, there is an orange 'Upload a file' button and the text '100MiB maximum size'.

pythonanywhere by ANACONDA.
/home/rongpen/ /mysite

Dashboard C

Open Bash console here 0'

Directories

templates New directory

__pycache__/

Files

Enter new file name, eg hello.py

flask_app.py 2023-06-19 17:10 599 bytes

Upload a file

100MiB maximum size

Reload and debug



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rongpenl.pythonanywhere.com

[+ Add a new web app](#)

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

Reload:

[↻ Reload rongpenl.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.](#)

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[Run until 3 months from today](#)

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

Traffic:

How busy is your site?

This month (previous month)	111	(0)
Today (yesterday)	13	(0)