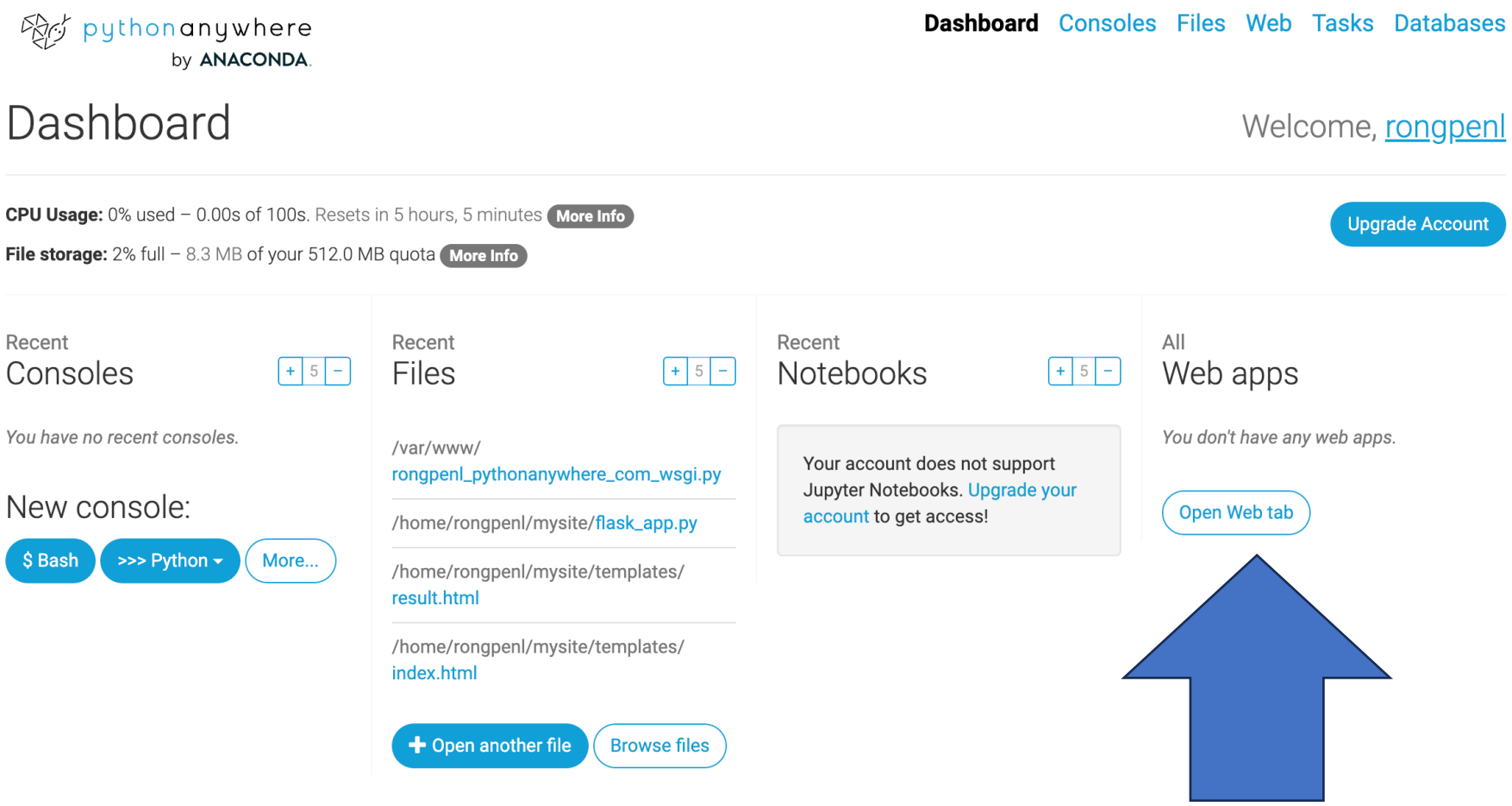
Deploy a flask app on PythonAnywhere

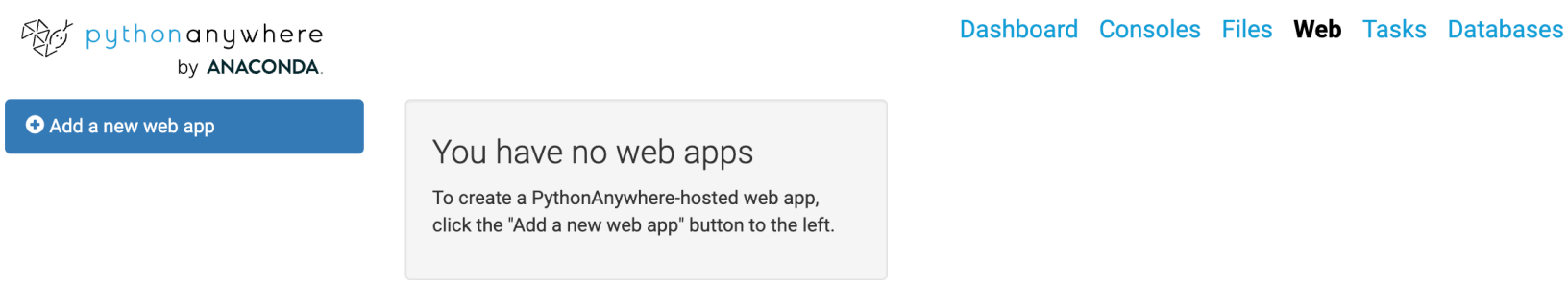
Register a free account



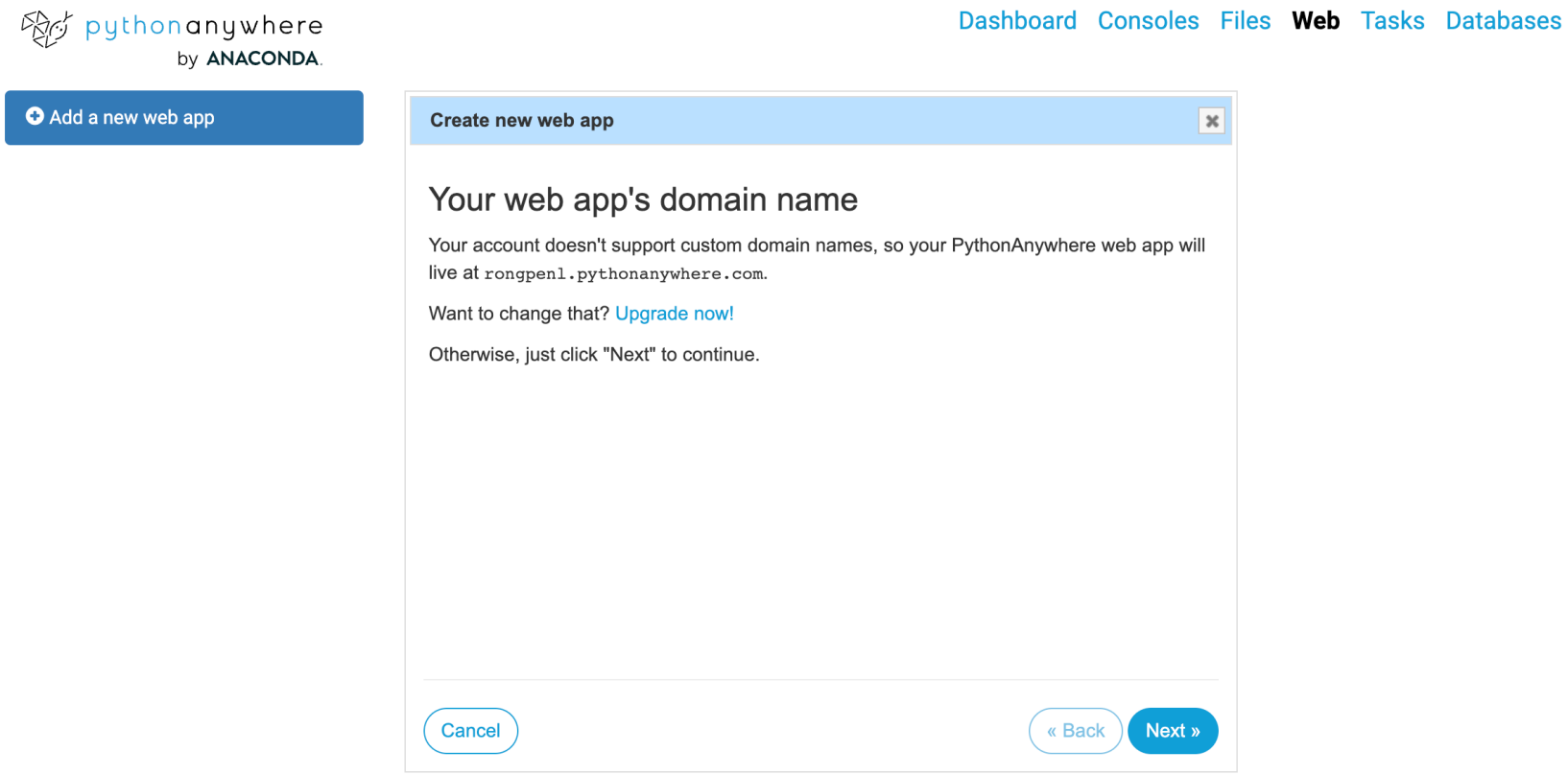
Pay attention to the name

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

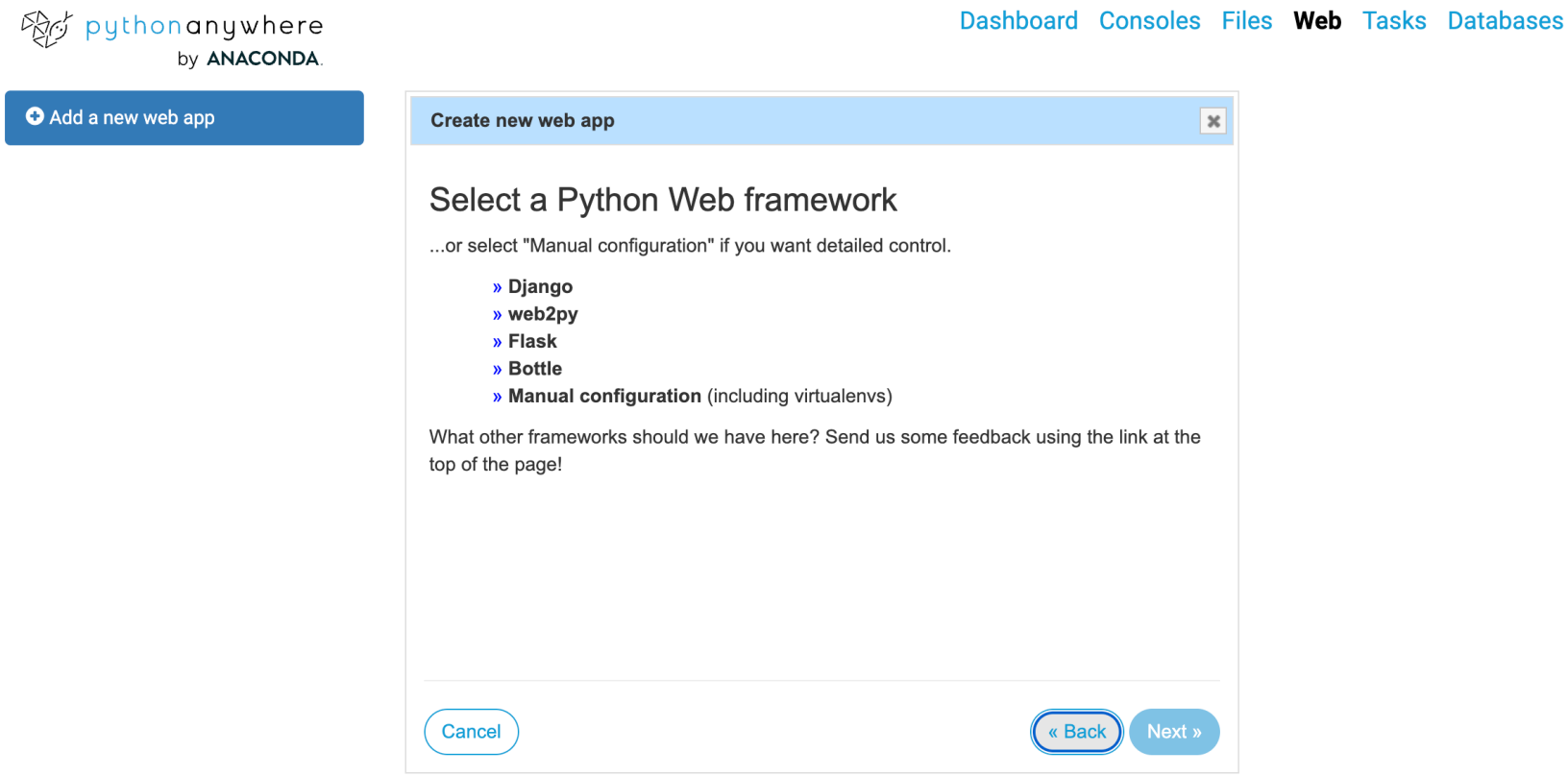
Create a web app



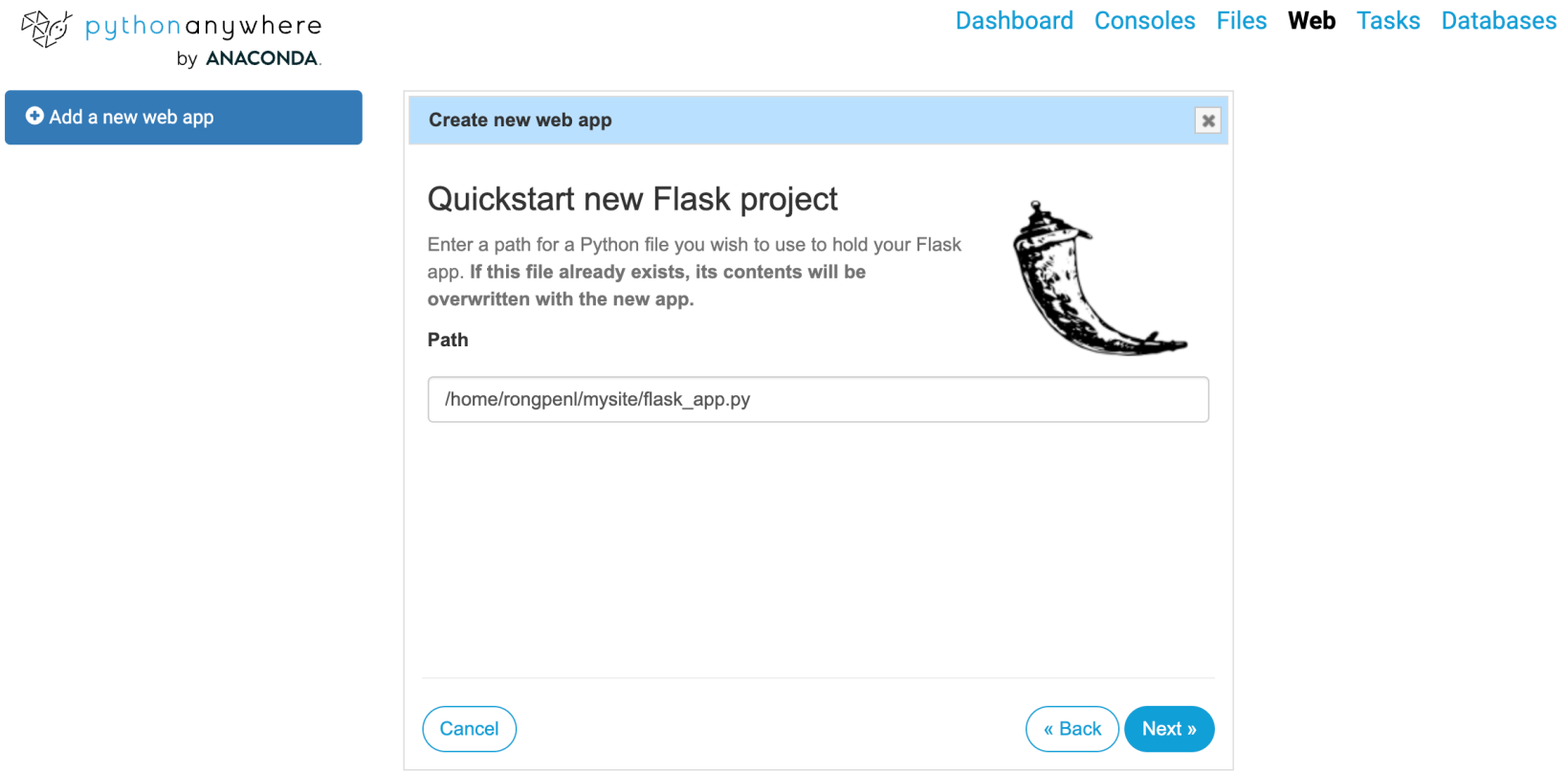
Use the default domain name



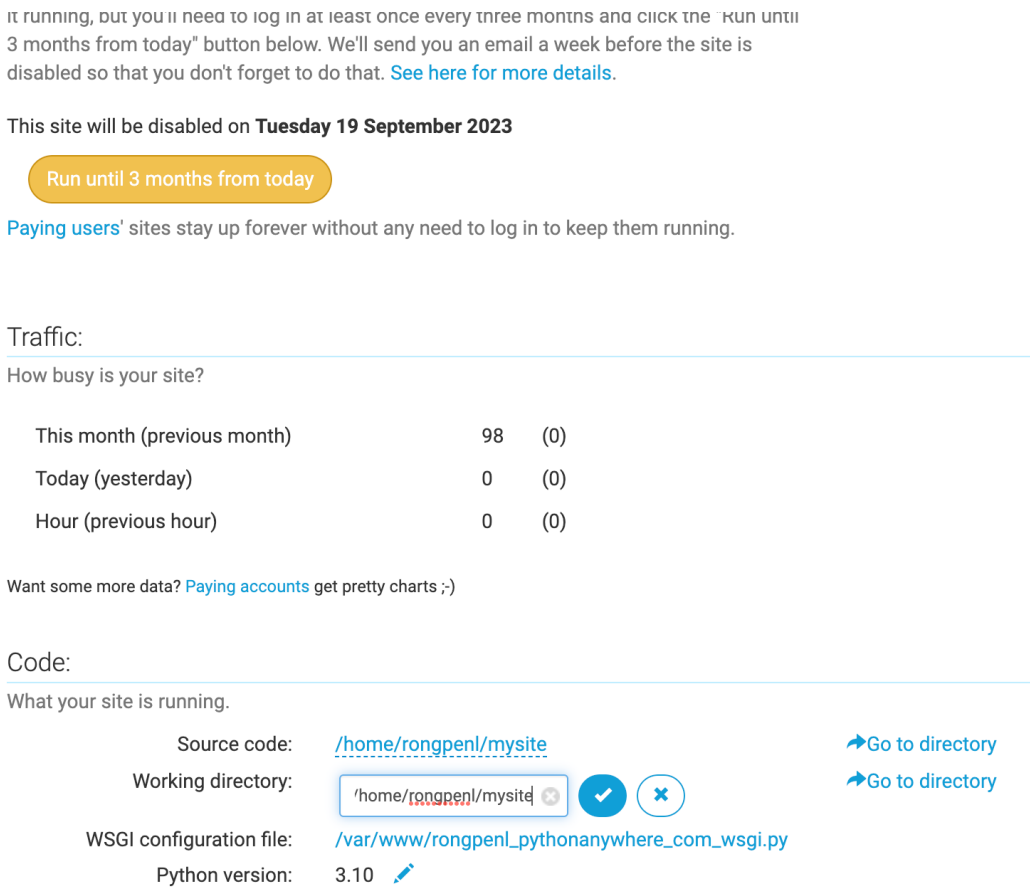
Choose the Flask framework



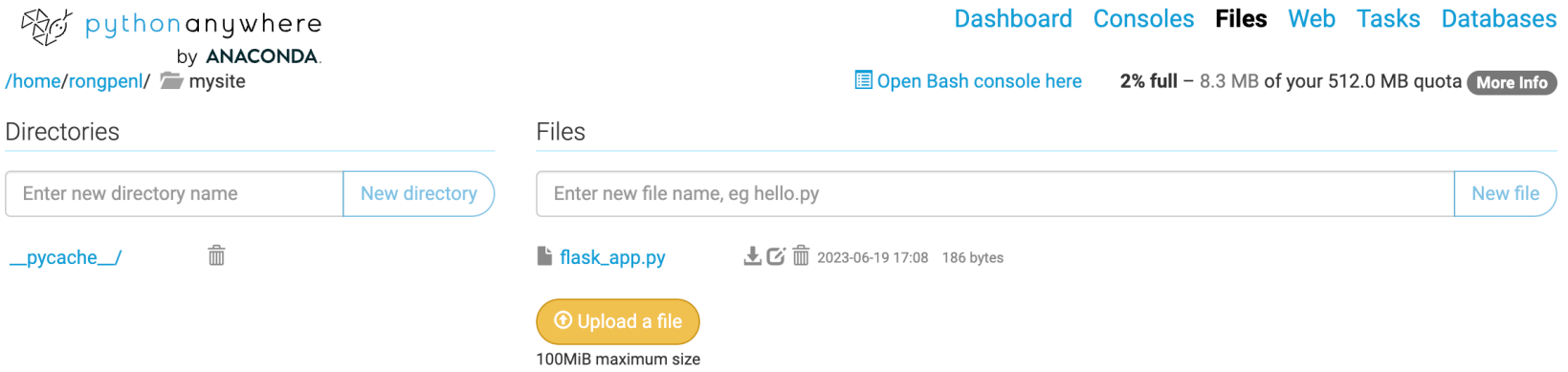
Choose the project path (and Python version)



Change the working directory to the source code directory



Open working directory



Modify the flask_app.py file

/home/rongpenl/mysite/flask_app.py

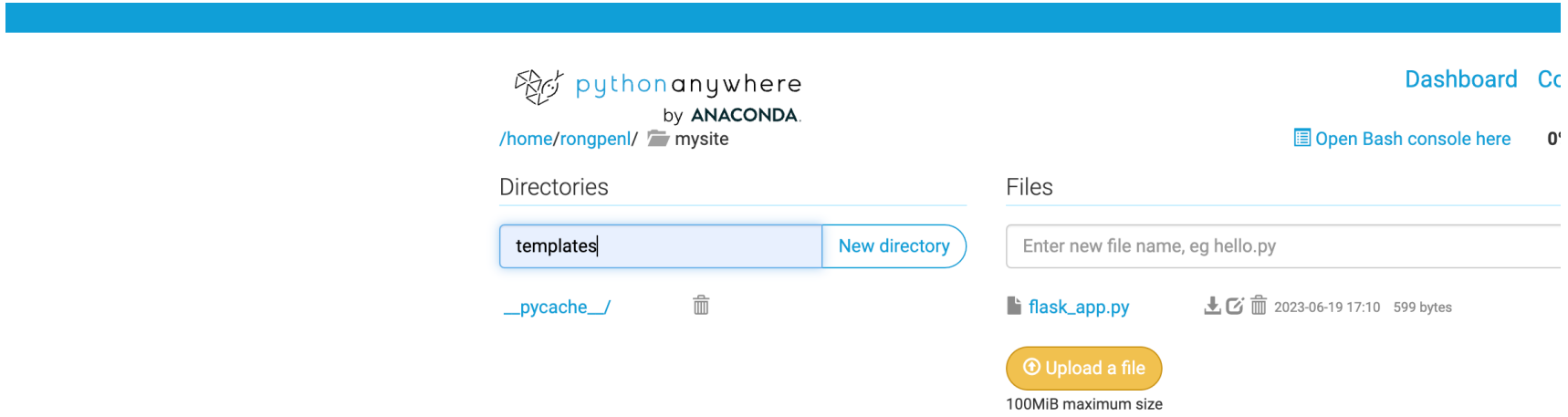
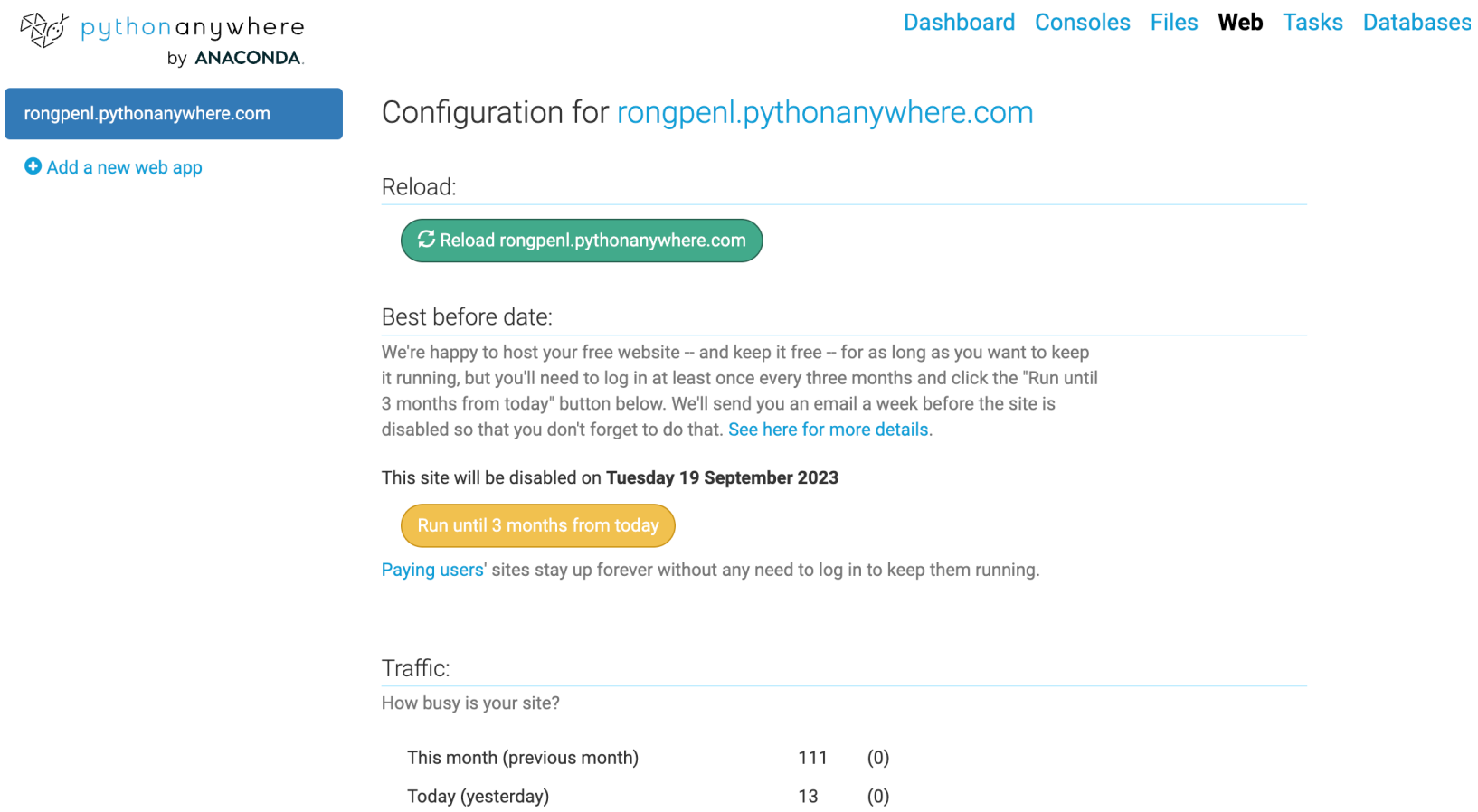
```
1
2  # A very simple Flask Hello World app for you to get started with...
3
4  from flask import Flask
5
6  app = Flask(__name__)
7
8  @app.route('/')
9  def hello_world():
10     return 'Hello from Flask!'
11
12
```

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



Reload and debug