

Here's the simplest way to run **Flask** and get a **Hello, World!** app running

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## 1 Install Flask

Make sure you have Python 3 installed, then run:

```
pip install flask
```

(If you're on macOS/Linux and `pip` points to Python 2, use `pip3 install flask`.)

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## 2 Create a Flask app

Create a file called `app.py` (name doesn't matter, this is just common):

```
from flask import Flask

app = Flask(__name__)

@app.route("/")
def hello():
    return "Hello, World!"

if __name__ == "__main__":
    app.run(debug=True)
```

---

## 3 Run the app

In the same folder as `app.py`, run:

```
python app.py
```

You should see something like:

```
Running on http://127.0.0.1:5000/
```

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## 4 Open it in your browser

Go to:

**`http://127.0.0.1:5000/`**

You should see:

Hello, World!

Done!

## Flask Beginner Roadmap

We'll do:

1. **CSS (styling)**
  2. **Images**
  3. **Multiple pages (routes)**
  4. **Navigation between pages**
-

# 1 Proper Flask Folder Structure

First, organize your project **the Flask way**:

```
flask_app/  
├── app.py  
├── templates/  
│   ├── home.html  
│   └── about.html  
└── static/  
    ├── css/  
    │   └── style.css  
    ├── images/  
    └── logo.png
```

□ **Flask requires:**

- HTML → templates/
  - CSS / images / JS → static/
- 

## 2 Flask App (app.py)

```
from flask import Flask, render_template  
  
app = Flask(__name__)  
  
@app.route("/")  
def home():  
    return render_template("home.html")  
  
@app.route("/about")  
def about():  
    return render_template("about.html")  
  
if __name__ == "__main__":  
    app.run(debug=True)
```

---

### 3 Home Page HTML (templates/home.html)

```
<!DOCTYPE html>
<html>
<head>
  <title>Home</title>
  <link rel="stylesheet" href="{{ url_for('static',
filename='css/style.css') }}">
</head>
<body>

  <h1>Hello, Flask ☐</h1>
  <p>This is the home page</p>

  <br><br>
  <a href="/about">Go to About Page</a>

</body>
</html>
```

☐ **Always use `url_for()`** for CSS & images in Flask.

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### 4 About Page (templates/about.html)

```
<!DOCTYPE html>
<html>
<head>
  <title>About</title>
  <link rel="stylesheet" href="{{ url_for('static',
filename='css/style.css') }}">
</head>
<body>

  <h1>About Page</h1>
  <p>This page is served by Flask.</p>

  <a href="/">Back to Home</a>

</body>
</html>
```

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## 5 CSS Styling (static/css/style.css)

```
body {
  background-color: #f4f6f8;
  font-family: Arial, sans-serif;
  text-align: center;
}

h1 {
  color: #2c3e50;
}

a {
  text-decoration: none;
  color: white;
  background: #3498db;
  padding: 10px 15px;
  border-radius: 5px;
}
```

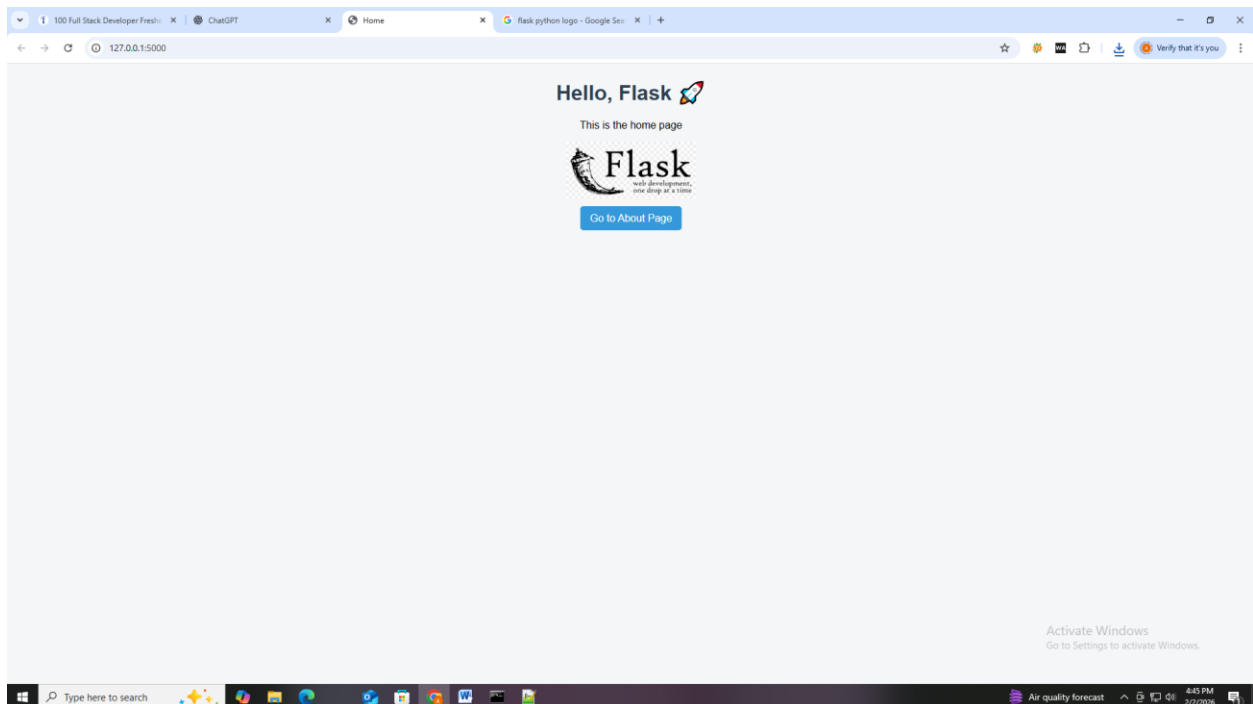
---

## 6 Run the App

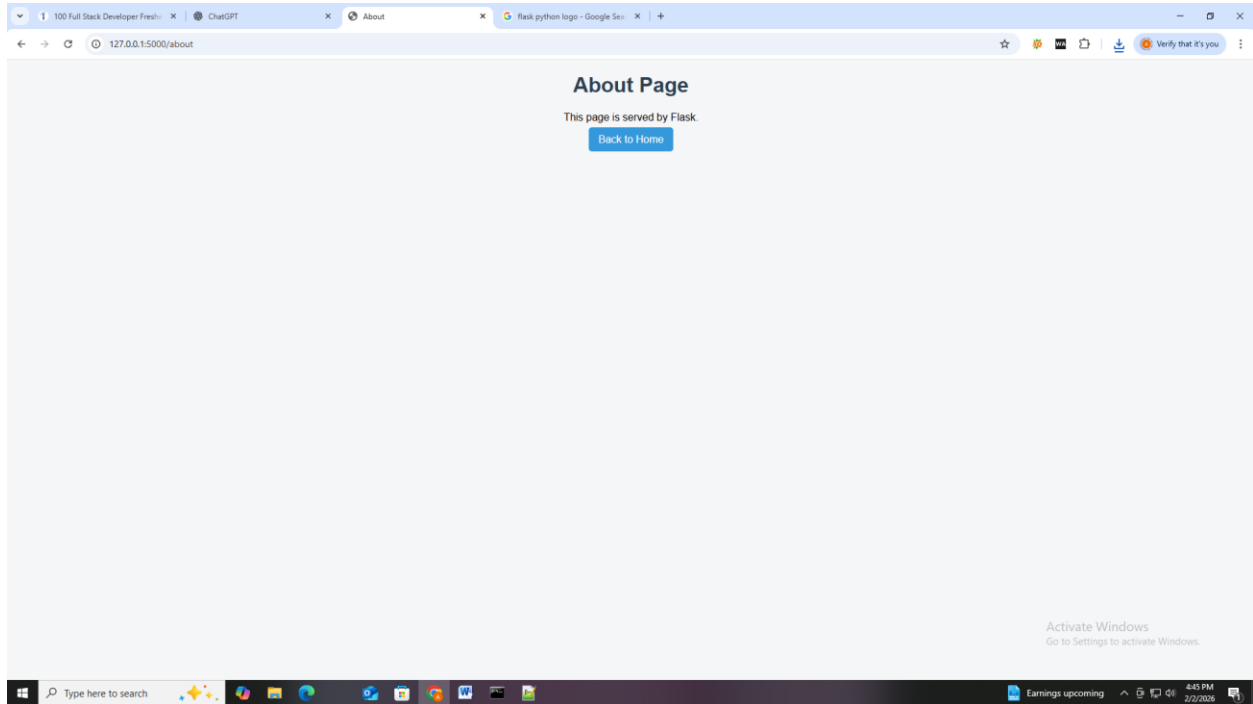
```
python app.py
```

Open browser:

- Home → <http://127.0.0.1:5000/>



- About → <http://127.0.0.1:5000/about>



You now have:

- HTML pages
- CSS styling
- Images
- Multiple routes