



1. Flask Fundamentals 68%

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Rendering Views

Objectives:

- Understand what templates are in Flask
- Know where to save HTML files for a Flask application

03:29

In the last assignment, we just returned simple strings. But we spent all that time in Web Fundamentals really what we want to return? You bet. We just need a place to save them so that our Flask server can serve them. In Flask, we must create a directory alongside our **server.py** file called **templates** (exactly this word). In this directory, we'll add our HTML files. Going back to our `hello_flask` project:

/hello_flask/templates/index.html

```
<h1>Hello Flask!</h1>
```

Then in our code, we refer to our HTML files like so:

/hello_flask/server.py

```
from flask import Flask, render_template # added render_template!
app = Flask(__name__)

@app.route('/')
def hello_world():
    # Instead of returning a string,
    # we'll return the result of the render_template method, passing in the name of our template
    return render_template('index.html')

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

note the addition of `render_template` -- that allows us to return the rendered HTML that we created in our **server.py** file and go to `localhost:5000/`, we'll see our template!

Here you can see that we are handling the **root route**, or `/`, route with the `hello_world` function. The HTTP verb is "GET".



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