

Flask Templates

Need For Templates

- So far we've only returned back HTML manually from a Python string
- However, in practical, we would like to connect the view function to render some template (already created HTML) which it can automatically display.
- Flask automatically looks for templates in the **'templates'** directory.
- *render_template()* is used.

Basic Template (CODE ALONG)

But why use Python then?

- We want to be able to use Python in our app, changing and updating variables and logic, and then send that information to the template to be displayed.
- We can use **Jinja** template engine for this

- Jinja lets us directly use our Python variables in our HTML files.
- The syntax for inserting a variable is:
 - `{{ some_variable }}`
- We pass parameters to the `render_template` function and then use `{{ }}` syntax to insert them in the template

Jinja Templates (CODE ALONG)

But can we use Control
Flow in Jinja?

- We can use control flow syntax in our templates such as **for loops** and **if statements**.
- These use a `{ % % }` syntax
- Eg, checking a user is logged in or not
- Eg, traversing a list

``

`{% for item in mylist %}`

` {{ item }} `

`{% endfor %}`

``

Jinja Control Flow

(CODE ALONG)