

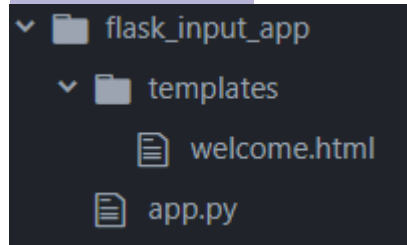
Flask Input App | Python

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Here is a simple flask app with 1 input field. You push the button "Generate" and get the result. Result equals to "Hello world!" on "Hello".

Flask serves page `welcome.html` which populated with the result of user-defined function `special_f` in `app.py`.

project



app.py

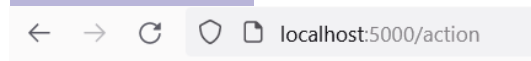
```
from flask import Flask, request, render_template
app = Flask(__name__)

@app.route("/<name>", methods=['GET', 'POST'])
def welcome(name):
    input = request.form.get("input")
    output = special_f(input)
    return render_template("welcome.html", output=output)

def special_f(text: str):
    return "{0} {0}".format(text)

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

browser



Welcome to Input Tool

Input

Value:

Output

Hello world!

templates\welcome.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Flask App Page</title>
5 </head>
6 <body>
7   <h2>Welcome to Input Tool</h2>
8
9   <h3>Input</h3>
10  <form class="" action="/action" method="post">
11    <label for="input">Value:</label>
12    <input type="text" name="input" value="" alt="value">
13    <button type="submit" name="button" alt="Press It">Generate</button>
14  </form>
15
16  <h3>Output</h3>
17  <textarea name="name" rows="8" cols="40">{{output}}</textarea>
18 </body>
19
20 </html>
```

console

```
$ set FLASK_APP=app.py
$ flask run
* Serving Flask app "app.py"
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```