

FLASK

#1 PYTHON WEB DEV FRAMEWORK

FLASK CHEAT SHEET

DOCS:

[FLASK.PALLETSPROJECTS.COM/](https://flask.palletsprojects.com/)

CREATE APP

```
from flask import Flask

app = Flask(__name__)

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

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

JSON RESPONSE

```
import jsonify

@app.route('/returnJSON')
def jsonAPI():
    num_dict = {
        'numbers' : [1, 2, 3]
    }
    return jsonify(
        {'output' : num_dict}
    )
```

ROUTING

```
@app.route(
    '/hello/<string: name>'
)
def hello(name):
    return 'Hello ' + name
```

REQUEST DATA

```
request.args['name']
#query string arguments

request.form['name']
#form data

request.method
#request type
```

TEMPLATES

```
from flask import
render_template

@app.route('/')
def index():
    return render_template(
        'template_file.html',
        var1=value1
    )
```

REDIRECT

```
from flask import
url_for, redirect

@app.route('/home')
def home():
    return
    render_template('home.html')

@app.route('/redirect')
def redirect_example():
    return
    redirect(url_for('home'))
```