Python Flask Module

Flask module provides the basic and advanced concepts of the Python Flask framework. Our Flask module is designed for beginners and professionals.

Flask is a web framework that provides libraries to build lightweight web applications in python.

What is Flask?

Flask is a web framework that provides libraries to build lightweight web applications in python. Flask is considered as a web framework.

Prerequisite

Before learning Flask, you must have the basic knowledge of Python concepts, HTML/CSS

If you are not familiar with Python check https://www.w3schools.com/Python/default.asp

And HTML https://www.w3schools.com/html/default.asp

CSS https://www.w3schools.com/css/default.asp

First Flask application

In this section of the tutorial, we will build our first python website built using the Flask framework. In this process, open any text editor of your choice as we are using the sublime text editor in this tutorial.

Write the following lines of code and save to a file named as app.py.

```python
from flask import Flask

app = Flask(__name__)

@app.route('/home') # decorator defines a route
def home(): # each route has a function … recall def
    return 'Our first Flask website'

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

Run the application, you get below on the python console,
 * Serving Flask app "app" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
 * Restarting with stat
 * Debugger is active!
* Debugger PIN: 959-517-385

Open your browser and access this link http://127.0.0.1:5000/home
There you go with your first flask application.

Our first Flask website