Python Programming

Flask WAS

권기웅

1. Flask 모듈 설치

1.1 Flask 모듈 설치

명령프롬프트에서 **pip install flask**

2. Flask WAS

2.1 기본 요청 받기

2.1.1 기본 요청 받기

```
*Python 3.6.3 Shell*
File  Edit  Shell  Debug  Options  Window  Help

Python 3.6.3 (v3.6.3:2c5fed8, Oct  3 2017, 18:11:49) [MSC v.1900 64 b
Type "copyright", "credits" or "license()" for more information.
>>>
=================== RESTART: D:/workspacePython/flaskTest.py =========
 * Restarting with stat
```
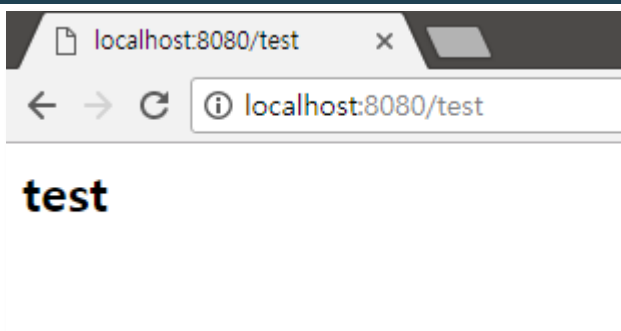
```python
from flask import Flask
app = Flask(__name__)

@app.route("/test") # 요청주소
def test():
    html = "<html><head></head><body>"
    html += "<h2>test</h2>"
    html += "</body></html>"
    return html

if __name__ == "__main__":
    app.run(host = "0.0.0.0", #모두 접근 가능
            port = 8080,
            debug = True) # 소스 수정하면 자동 서버 재시작
```

2.1.2 결과

```
localhost:8080/test       ×
←  →  C   ① localhost:8080/test
```

test

dan

```
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
```

flaskTest.py - D:/workspacePython/flaskTest.py (3.6.3)
File Edit Format Run Options Window Help

```python
from flask import Flask
from flask import request
app = Flask(__name__)

@app.route("/test")
def test():
    html = "<html><head></head><body>"
    html += "<h2>test</h2>"
    html += "</body></html>"
    return html

@app.route("/paramTest")
def paramTest():
    dan = request.args.get("dan") # request.args.get("요청 파라메터명")
    html = "<html><head></head><body>"
    html += "<h2>dan</h2>"
    for i in range(1, 10):
        html += "%s x %d = %d<br>" % (dan, i, int(dan) * i)
    html += "</body></html>"
    return html

if __name__ == "__main__":
    app.run(host = "0.0.0.0",
            port = 8080,
            debug = True)
```