웹개발 종합반 정리 –6

- 4주차: Flask+Pymongo 연습 (mars화성땅구매)

링크

※ 스파르타코딩클럽 https://online.spartacodingclub.kr/classroom

※ 웹개발 강의 doc https://teamsparta.notion.site/1-da6d8595945d4b868e5fcfa933c56011

※ 새 프로젝트Create(.venv자동) > ①static/ ②templates/ ③app.py > ④flask ⑤pymongo ⑥dnspython

route	method	작업
/	GET(default)	index를 render, return render_template()
/mars	GET	req => app이 return jsonify({ ~ }) => script에서 response받음
	POST	req + data: { give: ~ } => app에서 request.form['give']로 확인, return jsonify({ ~ })

app.py

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

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

@app.route("/mars", methods=["POST"])
def web_mars_post():
    sample_receive = request.form['sample_give']
    print(sample_receive)
    return jsonify({'msg': 'POST 연결 완료!'})

@app.route("/mars", methods=["GET"])
def web_mars_get():
    return jsonify({'msg': 'GET 연결 완료!'})

if __name__ == '__main__':
    app.run('0.0.0.0', port=5000, debug=True)
```

index.html <script>

```
$(document).ready(function () {
    show_order();
});
function show_order() {
    $.ajax({
        type: 'GET',
        url: '/mars',
        data: {},
        success: function (response) {
            alert(response['msg'])
        }
    });
}
function save_order() {
    $.ajax({
        type: 'POST',
        url: '/mars',
        data: {sample_give: '데이터전송'},
        success: function (response) {
            alert(response['msg'])
        }
    });
}
```

from flask...
route
	from flask import Flask, render_template, request, jsonify
	app = Flask(__name__)

from pymongo...
db
	from pymongo import MongoClient
	client = MongoClient('mongodb+srv://아이디:비번@클러스터.rliere2.mongodb.net/?retryWrites=true&w=majority')
	db = client.marsDB

insert_one()	doc = {
	    'name': request.form['name_give'],
	    'address': request.form['address_give'],
	    'size': request.form['size_give']
	}
	db.lands.insert_one(doc)
		$.ajax
		type: ‘POST’,
		data: { ~~ }, <- 포스트할 object
		post 후 redirect => location.reload()함

find{}	order_list = list(db.lands.find({}, {"_id": False}))	$.ajax let item = `~${}~` #order_box에 ~pend(item)