Lab4

Django server(local distance):

```
python3 manage.py runserver localhost:8000
python3 manage.py runserver localhost:8001
```

less errors and stable

ngnix(socket and long distance):

```
uwsgi --socket :8000 --wsgi-file test.py
```

errors and unstable

nginx && Docker:

```
docker pull ubuntu
exec

du -sh *
sudo lsof -i -n -P | grep ":80"
sudo kill -9 18743 18750
sudo docker run --name docker-nginx -p 80:80 nginx

docker ps -a
docker ps -l
docker ps -n=-1
docker container ls
docker stop <containers>
docker rm `docker ps -aq -f status=exited`
docker rm <containers>
```

Symlink to this file from /etc/nginx/sites-enabled so nginx can see it:

```
root@7c38380e6b99:/etc/nginx# ln -s /Users/zyx/PycharmProjects/yuxuanz6/
Lab4/cloud_net/mysite /etc/nginx/sites-enabled/
root@7c38380e6b99:/etc/nginx# ls
conf.d      fastcgi_params koi-win    nginx.conf   scgi_params   sites-enabled
uwsgi_params
```

```
fastcgi.conf  koi-utf        mime.types  proxy_params  sites-available  snippets
win-utf
root@7c38380e6b99:/etc/nginx# cd sites-enabled/
root@7c38380e6b99:/etc/nginx/sites-enabled# ls
default  mysite

March 23, 2018 - 19:32:38
Django version 1.11.11, using settings 'mysite.settings'
Starting development server at http://0.0.0.0:8000/
Quit the server with CONTROL-C.
[23/Mar/2018 19:32:55] "GET / HTTP/1.1" 200 1716
(uwsgi-tutorial) Bob:mysite zyx$ uwsgi --http :8000 --module mysite.wsgi


the web client <-> the web server <-> the socket <-> uWSGI <-> Python

uwsgi --socket :8001 --wsgi-file test.py
uwsgi --http :8007 --socket :8001 --module mysite.wsgi


AWS
```