

Exercise 3 – Advanced Message Passing

In this experiment I used redis for advanced messaging, I built the container by pulling the redis image in docker to do the messaging.

The first is about the order of container creation in redis.

```
docker pull redis
```

```
docker run -d -p 6379:6379 -it --name="myredis" redis
```

The container is created successfully, use `docker ps myredis` to see that the address is 0.0.0.0 and the port is 6379.

At this point we already have the container redis, which is why the address of the connection in the program is 0.0.0.0 instead of 127.0.0.1

Afterwards, open `publisher.py` and `receiver.py` via pycharm or any other tool that can open python, Advanced messaging via redis can be achieved by running two separate programs.

If python says there is no redis module, use `pip install redis` in python tools to fix it.