

```
sudo usermod -aG docker $USER
     root@d685cbfdeb70: /
                                                                                                                                                                                                                                                                                                                                                                                                                              faribausc/imagename
  arcangel12456/imagename
  xandyx/imagename
   tycy/imagename
                                                                                                                                                                                                     dev-nodejs-ubuntu
  rteja/imagename
ubuntu@ip-172-31-21-180:~ $ docker pull ubuntu:16.04

16.04: Pulling from library/ubuntu
3620e2d282dc: Pull complete
ef22f5e4b3b2: Pull complete
99f229f854da: Pull complete
4fe433abe16a: Pull complete
c9b72a16d85e: Pull complete
Digest: sha256:14066a391d902c386d6164d44ade3460ba044abcdf8df88b0ff79a6f635be8d3
Status: Downloaded newer image for ubuntu:16.04
ubuntu@ip-172-31-21-180:~$ docker images
REPOSTIORY TAG IMAGE ID CREATED
ubuntu@ip-172-31-21-180:~$ docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

ubuntu 16.04 e13f3d529b1a 3 days ago 115MB

hello-world latest 2cb0d9787c4d 9 days ago 1.85kB

ubuntu@ip-172-31-21-180:~$ docker run -it --name homework 0p 10001:10001 ubuntu:16.04 /bin/bash

Unable to find image '0p:latest' locally

docker: Error response from daemon: pull access denied for 0p, repository does not exist or may re

ire 'docker login'.

See 'docker run --help'.

ubuntu@ip-172-31-21-180:~$ docker run -it --name homework -p 10001:10001 ubuntu:16.04 /bin/bash

root@d685cbfdeb70:/# docker

bash: docker: command not found

root@d685cbfdeb70:/# ls

DIN dev nome 11004 milt proc run srv were

stated the state of the state of
   DIN dev nome 11004 mmt proc run srv temp var
boot etc lib media opt root sbin svs usr
 root@d685cbfdeb70:/#
 docker images 쳐서 image 있는지 확인
   ubuntu@ip-172-31-30-56: ~
                                                                                                                                                                                                                                                                                                                                                                                                       X
   (amod)
3. The Docker daemon created a new container from that image which runs the executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it to your terminal.
  To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash
  Share images, automate workflows, and more with a free Docker ID: https://hub.docker.com/
    For more examples and ideas, visit:
https://docs.docker.com/engine/userguide/
ubuntu@ip-172-31-30-56:~$ docker pull ubuntu:16.04
16.04: Pulling from library/ubuntu
3620e2d282dc: Pull complete
ef22f5e4b3b2: Pull complete
99f229f854da: Pull complete
4fe433abe16a: Pull complete
c9b72a16d85e: Pull complete
c9b72a16d85e: Pull complete
Digest: sha256:14066a391d902c386d6164d44ade3460ba044abcdf8df88b0ff79a6f635be8d3
Status: Downloaded newer image for ubuntu:16.04
ubuntu@ip-172-31-30-56:~$ docker run -it --name homework -p 10001:10001 ubuntu:16.04 /bin/bash
root@e157521982a6:/# exit
root@e157521982a6:/# exit
exit
ubuntu@ip-172-31-30-56:~$ docker ps
CONTAINER ID IMAGE
PORTS NAMES
ubuntu@ip-172-31-30-56:~$ docker images
REPOSITORY TAG
ubuntu 16.04
hello-world latest
ubuntu@ip-172-31-30-56:~$
                                                                                                                                                                          COMMAND
                                                                                                                                                                                                                                                             CREATED
                                                                                                                                                                                                                                                                                                                                                    STATUS
                                                                                                                                                                         IMAGE ID
e13f3d529b1a
2cb0d9787c4d
                                                                                                                                                                                                                                                                                                                                                    SIZE
115MB
1.85kB
                                                                                                                                                                                                                                                               CREATED
                                                                                                                                                                                                                                                               3 days ago
9 days ago
```

homework3 : spark 컨테이너 만들기 git clone https://github.com/xodhx4/ybigta_pyspark_docker.git 을 입력해서 repo 클론하기 docker build -tab pyspark:1.0. 일케 쳐서 docker image를 만들자 10001:10001 docker -it homework2 run -name -р ~/workspace:/root/workspace pyspark:1.0 쳐서 컨테이너 만들기. 동시에 실행됨 https://{ec-2 ip}:10001 치면 jupyter notebook 들어가지고 비밀번호는 admin ↑ Engineering × ↑ xodhx4/ybig × ← → C ▲ 안전하지 않음 | https://13.125.221.251:10001/notebooks/Untitled.ipynb?kemel_name=python3 **☆ ⑩** ■ 🏥 앱 🔳 일정 : 네이버 캘린드 📤 Google 드라이브 - 📈 모바일 예약 시스템 C Jupyter Untitled Last Checkpoint 몇초전 (unsaved changes) Logout Edit View Insert Cell Kernel Widgets Help Python 3 O In [1]: sc Out [1]: SparkContext Spark UI Version Master local[*] AppName PySparkShell In []: ctrl+c 눌러서 pyspark중지 kill \$(ps -ef | grep hive | awk '{print \$2}') # hive 종료 \$HADOOP_HOME/sbin/stop-yarn.sh \$HADOOP_HOME/sbin/stop-dfs.sh

나오는 법은 exit 하면 나와지고,

컨테이너 재실행

docker start homework3 하면 컨트네이너가 켜지고
docker attach homework3하면 들어가짐
exit하던지, 에 나와서는 docker stop homework3하면 homework가 꺼짐

vim jupyter_init.sh 해서 들어가서

원하는 비번입력후 저장

bubutu@p-172-31-30-56: -//bigta_p/spark_docker
jupyter_notebook_-generate_config*
i_ubpyter_notebook_-generate_config*
i_ubpyter_notebook_password << END
admin
eND
pot/_jupyter_fjupyter_notebook_config.py
mk(r) //certs &c.d //certs
yes_No | opens31 req =7509 -nodes -days 365 -newkey rsa:2048 -keyout mykey.key -out mycert.pem

physical req =7509 -nodes -days 365 -newkey rsa:2048 -keyout mykey.key -out mycert.pem

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