### Docker Part 2

### Build Docker Image

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)

$ docker build -t my-application:latest .

[+] Building 5.3s (10/10) FINISHED docker.

| **example **exam
```

## 2. Buat + Jalankan Docker Container

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main) $ docker run --name my-application-container -p 3000:8000 -e USER_NAME=budi -d my-application:latest 578153b26b21b1ab393d0ffcdc490dbd214eb24413d5d60cd62ec06fc6ee651d
```

## 3. Stop container

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container
```

# 4. Start container

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main) $ docker start my-application-container my-application-container
```

### 5. Hapus container

```
User@DESKTOP-19NICR3 MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container
```

## 6. List image

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker images
REPOSITORY
                       TAG
                                     IMAGE ID
                                                    CREATED
                                                                    SIZE
my-application
                                                    6 minutes ago
                                     dc5a9a78ffc8
                                                                    179MB
                       latest
                                                                    179MB
imange-belajar-docker
                       latest
                                     76c14f2ca7fa
                                                    2 days ago
                                                    2 days ago
<none>
                       <none>
                                     e7ad176f0410
                                                                    179MB
                                     d1205f845361
<none>
                       <none>
                                                    2 days ago
                                                                    179MB
postgres
                       12.3-alpine 17150f4321a3 3 years ago
                                                                    157MB
```

### 7. List container

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker ps
CONTAINER ID IMAGE
                            COMMAND CREATED STATUS
                                                               PORTS
                                                                           NAMES
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker ps -a
CONTAINER ID IMAGE
                                  COMMAND
                                                               CREATED
                                                                              STATUS
                                                                                                            PORTS
               76c14f2ca7fa "/bin/sh -c 'uvicorn..."
e7ad176f0410 "/bin/sh -c 'uvicorn..."
d1205f845361 "/bin/sh -c 'uvicorn..."
                                                                                                                       my-container1
77eea0598cf6
                                                               2 days ago
                                                                             Exited (137) 2 days ago
                                                                              Exited (137) 2 days ago
Exited (137) 2 days ago
fe6b0a663560
                                                               2 days ago
                                                                                                                       my-container
                                                               2 days ago
f19b7c2b797c d1205f845361
                                                                                                                       container-test
                                                                              Exited (0) 2 days ago
Exited (1) 2 days ago
                                                                                                                       postgres-lite
                                  "docker-entrypoint.s.."
                                                               2 days ago
6715caeb1bfc
                 17150f4321a3
                                  "docker-entrypoint.s..."
9b2b525dfe80
                 17150f4321a3
                                                               2 days ago
                                                                                                                        sleepy_golick
                                  "docker-entrypoint.s..."
                                                                              Exited (1) 2 days ago
Exited (1) 2 days ago
Exited (1) 2 days ago
                 17150f4321a3
                                                                                                                       thirsty_davinci
16d13bb28954
                                                               2 days ago
                                   "docker-entrypoint.s..."
70026acd4ba4
                 17150f4321a3
                                                               2 days ago
                                                                                                                        keen_ritchie
                                  "docker-entrypoint.s.."
25e50c4ed96d
               17150f4321a3
                                                                                                                       tender_pike
                                                               2 days ago
```

### 8. Remote container

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main) $ docker exec -it my-application-container bash root@050961ad0c41:/# []
```

## 9. Munculin log

```
User@DESKTOP-19NICRJ MINGW64 ~/Documents/DE_altera/tugas_altera/bahan_tugas_docker/belajar-dockerfile (main)
$ docker logs 050961ad0c41
INFO: Started server process [8]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
```

## 10. Result

