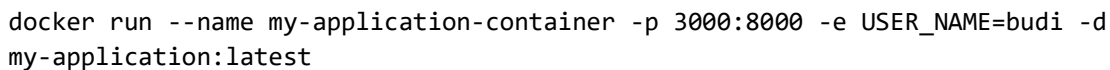


PART 2 - DOCKERFILE

```
docker build -t my-application:latest .
```

2. Buat + jalankan docker container



```

MINGW64 ~/Users/USER/AIB × +
USER@Luna MINGW64 -/Alto/bela-jar-dockerfile (main)
$ docker build -t my-application:latest .
[+] Building 37.3s (9%) FINISHED
=> [internal] load build definition from Dockerfile
=> transferring dockerfile: 296B
=> [internal] load metadata for docker.io/library/python:3.11.4-slim-bookworm
=> [internal] load dockerignore
=> transferring context: 58B
=> [1/4] FROM docker.io/library/python:3.11.4-slim-bookworm@sha256:17d62d81d9cecf20aaec6c605e9cf83bb0ba3d 23.0s
=> resolve docker.io/library/python:3.11.4-slim-bookworm@sha256:17d62d81d9cecf20aaec6c605e9cf83bb0ba3d 0.0s
=> sha256:17d62d81d9cecf20aaec6c605e9cf83bb0ba3d 0.0s
=> sha256:1276089b5a56db33931fc239a4c7db09f6d128bc9d1482788754785da49e464 1.37kB / 1.37kB
=> sha256:596e0d6b3d4faa7ed330941075bcd387b36b3e8a5b3a1da38bf04fe0dbdd3 6.92kB / 6.92kB
=> sha256:52d2b7179a32b4cd579ea3c4958027988f9a827485DabbC7c24661e3adaac5 29.12MB / 29.12MB
=> sha256:2b8a9e2240c1224b34faa6fc331Df9a3aF5e8a8930509d0e20a8f832aa9 3.56MB / 3.56MB
=> sha256:3514632124294cab37497701d4eecc8a51b118d4fe5d02798b498fb12e 19.86MB / 19.86MB
=> sha256:fc8b4b1f897c621e9474bdc4d5a49e22f3a5e248e78a75401dd3ac43d2d28cd 245B / 245B
=> sha256:46233543d8c2d599bdb9d52180ca9e14cadac2017a5dc481660bf4aa3ed9 3.38MB / 3.38MB
=> extracting sha256:52d2b7179a32b4cd579ea3c4958027988f9a827485DabbC7c24661e3adaac5 2.6s
=> extracting sha256:b81d6693059906d8b3318f9a3aF5e8a8930509d0e20a8f832aa9 0.2s
=> extracting sha256:051d6521462a7eb4ca0374ae7701d4eecc8a51b118d4fe5d02798b498fb12e 1.4s
=> extracting sha256:fc8b4b1f897c621e9474bdc4d5a49e22f3a5e248e78a75401dd3ac43d2d28cd 0.0s
=> extracting sha256:46233543d8c2d599bdb9d52180ca9e14cadac2017a5dc481660bf4aa3ed9 0.5s
=> [internal] load build context
=> transferring context: 429.29kB
=> [2/4] COPY requirements.txt requirements.txt
=> [3/4] RUN pip install -r requirements.txt
=> [4/4] COPY .
=> exporting to image
=> exporting layers
=> writing image sha256:7690bd4d5c3bc61c6fc4b8f5869c15fbc172b33b32c7671e4ee911441a07c8
=> naming to docker.io/library/my-application:latest
0.0s

What's next:
View a summary of image vulnerabilities and recommendations > docker scout quickview

USER@Luna MINGW64 -/Alto/bela-jar-dockerfile (main)
$ docker run --name my-application-container -p 8080:8080 -e USER_NAME=yovina -d my-application:latest
71335a3b31d0bdebd9ecb24ac7f30670ac70d6d3275f5933d0385a24611f98

USER@Luna MINGW64 -/Alto/bela-jar-dockerfile (main)
$ |

```

3. Stop container

docker stop my-application-container

```
MINGW64 ~/Users/USER/Alt... X +
=> resolve docker.io/library/python:3.11.4-slim-bookworm@sha256:17d62d681d9ecf20aee6c6605e9cf83b0ba3d 0.0s
=> sha256:17d62d681d9ecf20aee6c6605e9cf83b0ba3d247013e2f43e1b5a045ad4901 1.65kB / 1.65kB 0.0s
=> sha256:0275089b5b65ab33931fc239e47db9fdd1628bc9d1482788754785d6d9e464 1.37kB / 1.37kB 0.0s
=> sha256:596e0d6b34dfae7ed330941075bcd38b37ab3eba8e5b63a1da38bf04fe08bdd3 6.92kB / 6.92kB 0.0s
=> sha256:52d2b7f179e32b4cbd579ee3c495802798f9a8274850ab0c7c24661e3adaac5 29.12MB / 29.12MB 17.9s
=> sha256:2b8a9a2240c1224b34f6aa9bc3310f9a3fe65bd6893050906d02e89fc8326aa9 3.50MB / 3.50MB 2.9s
=> sha256:051d6521462a7ab4ca374e97701deec68eb51b118d3ef5d002798b498fb12e 17.86MB / 17.86MB 10.8s
=> sha256:fc884b1f897c621e9474bd4d5a49e22fa35e24078e754010d34ec3d2d28cd 2458 / 2458 3.2s
=> sha256:46233543d8c2dc599bdb9d522180ca9e14cad4ac2017a5dc481660bfa4aa3ed9 3.38MB / 3.38MB 5.4s
=> extracting sha256:52d2b7f179e32b4cbd579ee3c495802798f9a8274850ab0c7c24661e3adaac5 2.4s
=> extracting sha256:2b8a9a2240c1224b34f6aa9bc3310f9a3fe65bd6893050906d02e89fc8326aa9 0.2s
=> extracting sha256:051d6521462a7ab4ca374e97701deec68eb51b118d3ef5d002798b498fb12e 1.6s
=> extracting sha256:fc884b1f897c621e9474bd4d5a49e22fa35e24078e754010d34ec3d2d28cd 0.0s
=> extracting sha256:46233543d8c2dc599bdb9d522180ca9e14cad4ac2017a5dc481660bfa4aa3ed9 0.5s
=> [internal] load build context
=> transferring context: 629.79kB 0.1s
=> [2/4] COPY requirements.txt requirements.txt 0.3s
=> [3/4] RUN pip install -r requirements.txt 9.1s
=> [4/4] COPY . . 0.0s
=> exporting to image 0.3s
=> exporting layers 0.2s
=> writing image sha256:7690b4d55c3bc1c6fc44b8f5869c15fbc172b33b32c7671e4aee911441a07c8 0.0s
=> naming to docker.io/library/my-application:latest 0.0s

What's next:
View a summary of image vulnerabilities and recommendations -> docker scout quickview

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
f13354b31d0dbdb0e9cb2fac47f30670ac70e6d3275f5933fb0385a24511f98

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$
```

4. Start container

docker start my-application-container

```
MINGW64 ~/Users/USER/Alt... X +
=> resolve docker.io/library/python:3.11.4-slim-bookworm@sha256:17d62d681d9ecf20aee6c6605e9cf83b0ba3d 0.0s
=> sha256:17d62d681d9ecf20aee6c6605e9cf83b0ba3d247013e2f43e1b5a045ad4901 1.65kB / 1.65kB 0.0s
=> sha256:0275089b5b65ab33931fc239e47db9fdd1628bc9d1482788754785d6d9e464 1.37kB / 1.37kB 0.0s
=> sha256:596e0d6b34dfae7ed330941075bcd38b37ab3eba8e5b63a1da38bf04fe08bdd3 6.92kB / 6.92kB 0.0s
=> sha256:52d2b7f179e32b4cbd579ee3c495802798f9a8274850ab0c7c24661e3adaac5 29.12MB / 29.12MB 17.9s
=> sha256:2b8a9a2240c1224b34f6aa9bc3310f9a3fe65bd6893050906d02e89fc8326aa9 3.50MB / 3.50MB 2.9s
=> sha256:051d6521462a7ab4ca374e97701deec68eb51b118d3ef5d002798b498fb12e 17.86MB / 17.86MB 10.8s
=> sha256:fc884b1f897c621e9474bd4d5a49e22fa35e24078e754010d34ec3d2d28cd 2458 / 2458 3.2s
=> sha256:46233543d8c2dc599bdb9d522180ca9e14cad4ac2017a5dc481660bfa4aa3ed9 3.38MB / 3.38MB 5.4s
=> extracting sha256:52d2b7f179e32b4cbd579ee3c495802798f9a8274850ab0c7c24661e3adaac5 2.4s
=> extracting sha256:2b8a9a2240c1224b34f6aa9bc3310f9a3fe65bd6893050906d02e89fc8326aa9 0.2s
=> extracting sha256:051d6521462a7ab4ca374e97701deec68eb51b118d3ef5d002798b498fb12e 1.6s
=> extracting sha256:fc884b1f897c621e9474bd4d5a49e22fa35e24078e754010d34ec3d2d28cd 0.0s
=> extracting sha256:46233543d8c2dc599bdb9d522180ca9e14cad4ac2017a5dc481660bfa4aa3ed9 0.5s
=> [internal] load build context
=> transferring context: 629.79kB 0.1s
=> [2/4] COPY requirements.txt requirements.txt 0.3s
=> [3/4] RUN pip install -r requirements.txt 9.1s
=> [4/4] COPY . . 0.0s
=> exporting to image 0.3s
=> exporting layers 0.2s
=> writing image sha256:7690b4d55c3bc1c6fc44b8f5869c15fbc172b33b32c7671e4aee911441a07c8 0.0s
=> naming to docker.io/library/my-application:latest 0.0s

What's next:
View a summary of image vulnerabilities and recommendations -> docker scout quickview

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
f13354b31d0dbdb0e9cb2fac47f30670ac70e6d3275f5933fb0385a24511f98

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker start my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ |
```

5. Hapus container

docker rm my-application-container

```
MINGW64\Users\USER\Ahb x + -
=> sha256:fce84b1f897c621e9474bd4d5a49e2e22fa35e248e78e754d10d3aec3d2d28cd 2458 / 2458 3.2s
=> sha256:4d23354d8e2d6599b9d522180ca9e14cad5ac2017a5dc48146b8fa4aa3ed9 3.38MB / 3.38MB 5.4s
=> extracting sha256:52a2b7f179e32b4cbd579ee3c495802798f9a8274850ab0c7c24461a3adaac5 2.4s
=> extracting sha256:2b8a9e2240c1224b34faaafbc3310f9a3fe65bd689305098d02e89fc8326aa9 0.2s
=> extracting sha256:051d6521462a7eb4ca9374e97701d6eac68eb51b118d3eff5d082798b498fb12e 1.6s
=> extracting sha256:fce84b1f897c621e9474bd4d5a49e2e22fa35e248e78e754d10d3aec3d2d28cd 0.8s
=> extracting sha256:4d23354d8e2d6599b9d522180ca9e14cad5ac2017a5dc48146b8fa4aa3ed9 0.5s
=> [internal] load build context 0.1s
=> transferring context: 629.79kB 0.1s
=> [2/4] COPY requirements.txt requirements.txt 0.3s
=> [3/4] RUN pip install -r requirements.txt 9.1s
=> [4/4] COPY . . 0.0s
=> exporting to image 0.3s
=> exporting layers 0.2s
=> writing image sha256:7690b4d55c3bc61c6fc44b8f5869c15fbc172b33b32c7671e4eee911441a07c8 0.8s
=> naming to docker.io/library/my-application:latest 0.0s

What's next:
View a summary of image vulnerabilities and recommendations -> docker scout quickview

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
f1335cb31dddbdbd0e9cb2fac47f30670ac70e6d3275f5933fb6385a24511f98

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker start my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
Error response from daemon: cannot remove container "/my-application-container": container is running: stop the container before removing or force remove

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$
```

6. List image

docker images

```
MINGW64\Users\USER\Ahb x + -
=> transferring context: 629.79kB 0.1s
=> [2/4] COPY requirements.txt requirements.txt 0.3s
=> [3/4] RUN pip install -r requirements.txt 9.1s
=> [4/4] COPY . . 0.0s
=> exporting to image 0.3s
=> exporting layers 0.2s
=> writing image sha256:7690b4d55c3bc61c6fc44b8f5869c15fbc172b33b32c7671e4eee911441a07c8 0.0s
=> naming to docker.io/library/my-application:latest 0.0s

What's next:
View a summary of image vulnerabilities and recommendations -> docker scout quickview

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
f1335cb31dddbdbd0e9cb2fac47f30670ac70e6d3275f5933fb6385a24511f98

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker start my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
Error response from daemon: cannot remove container "/my-application-container": container is running: stop the container before removing or force remove

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
my-application       latest      7690b4d55c3b 20 minutes ago 179MB
redis               latest     968930e668ac 6 weeks ago    116MB
postgres            latest     f23dc7cd74bd 7 weeks ago    432MB
docker/welcome-to-docker latest     cf1619b6477e 7 months ago   18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$
```

7. List container

`docker ps` # List running container

```
MINGW64~/Users/USER/Alt... X + -
=> => writing image sha256:7690b4d55c3bc61c6fc44b8f5869c15fbc172b33b32c7671e4eee911441a07c8 0.0s
=> naming to docker.io/library/my-application:latest 0.0s

What's next:
  View a summary of image vulnerabilities and recommendations → docker scout quickview

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
f13354b31d0dbed0e9cb2fac47f30670ac70e6d3275f5933fb0385a24511f98

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker start my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
Error response from daemon: cannot remove container "/my-application-container": container is running: stop the container before removing or force remove

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
my-application       latest      7690b4d55c3b  20 minutes ago 179MB
redis                latest      9c893be668ac  6 weeks ago   116MB
postgres             latest      f23dc7cd74bd  7 weeks ago   432MB
docker/welcome-to-docker latest      c1f619b6477e  7 months ago  18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED    STATUS    PORTS                               NAMES
V6e234c6509   redis     "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081→80/tcp   magical_mclean
34ee78e4e245   docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080→80/tcp            pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ |
```

`docker ps -a` # List all container

```
MINGW64~/Users/USER/Alt... X + -

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker start my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
Error response from daemon: cannot remove container "/my-application-container": container is running: stop the container before removing or force remove

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
my-application       latest      7690b4d55c3b  20 minutes ago 179MB
redis                latest      9c893be668ac  6 weeks ago   116MB
postgres             latest      f23dc7cd74bd  7 weeks ago   432MB
docker/welcome-to-docker latest      c1f619b6477e  7 months ago  18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED    STATUS    PORTS                               NAMES
V6e234c6509   redis     "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081→80/tcp   magical_mclean
34ee78e4e245   docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080→80/tcp            pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED    STATUS    PORTS                               NAMES
c4be7a727e3    postgres  "docker-entrypoint.s..." 5 hours ago Exited (0) 5 hours ago         upbeat_feynman
458f0a01350d   postgres  "docker-entrypoint.s..." 5 hours ago Exited (1) 59 minutes ago       reverent_davinci
01102f464680   postgres  "docker-entrypoint.s..." 5 hours ago Exited (1) 5 hours ago         flamboyant_davinci
V6e234c6509   redis     "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081→80/tcp   magical_mclean
34ee78e4e245   docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080→80/tcp            pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$
```

8. Remote container

docker exec -it <nama-container> bash

```
MINGW64 ~/Users/USER/Alt... X +
USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker stop my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
my-application       latest      7690b4d5c3b  20 minutes ago 179MB
redis               latest      9c893be668ac 6 weeks ago   116MB
postgres            latest      f23dc7cd74bd 7 weeks ago   432MB
docker/welcome-to-docker latest      c1f619b6477e 7 months ago  18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED    STATUS    PORTS                               NAMES
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080->80/tcp pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps -a
CONTAINER ID        IMAGE               COMMAND                  CREATED    STATUS    PORTS                               NAMES
c4be7a7727a3       postgres           "docker-entrypoint.s..." 5 hours ago Exited (0) 5 hours ago upbeat_feynman
458f0a01350d       postgres           "docker-entrypoint.s..." 5 hours ago Exited (1) 59 minutes ago reverent_davinci
011082f6d48d       postgres           "docker-entrypoint.s..." 5 hours ago Exited (1) 5 hours ago flamboyant_hawking
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080->80/tcp pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash

What's next:
  Try Docker Debug for seamless, persistent debugging tools in any container or image -> docker debug my-application-container
  Learn more at https://docs.docker.com/go/debug-cli/
Error response from daemon: No such container: my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
3728a95e4984d5f13a9c4eb43e6c3f3e20839c5c635af58e0071456563449b62

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash
root@3728a95e4984:/#
```

Sudah berhasil masuk ke kontainer

```
MINGW64 ~/Users/USER/Alt... X +
USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker rm my-application-container
my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
my-application       latest      7690b4d5c3b  20 minutes ago 179MB
redis               latest      9c893be668ac 6 weeks ago   116MB
postgres            latest      f23dc7cd74bd 7 weeks ago   432MB
docker/welcome-to-docker latest      c1f619b6477e 7 months ago  18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED    STATUS    PORTS                               NAMES
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080->80/tcp pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps -a
CONTAINER ID        IMAGE               COMMAND                  CREATED    STATUS    PORTS                               NAMES
c4be7a7727a3       postgres           "docker-entrypoint.s..." 5 hours ago Exited (0) 5 hours ago upbeat_feynman
458f0a01350d       postgres           "docker-entrypoint.s..." 5 hours ago Exited (1) 59 minutes ago reverent_davinci
011082f6d48d       postgres           "docker-entrypoint.s..." 5 hours ago Exited (1) 5 hours ago flamboyant_hawking
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago Up 58 minutes 0.0.0.0:8080->80/tcp pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash

What's next:
  Try Docker Debug for seamless, persistent debugging tools in any container or image -> docker debug my-application-container
  Learn more at https://docs.docker.com/go/debug-cli/
Error response from daemon: No such container: my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
3728a95e4984d5f13a9c4eb43e6c3f3e20839c5c635af58e0071456563449b62

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash
root@3728a95e4984:/# ls
Dockerfile  __pycache__  boot  etc  img-1.png  lib32  libx32  media  opt  requirements.txt  run  srv  tmp  var
README.md  bin         dev  home  lib        lib64  main.py  mnt  proc  root          sbin  sys  usr
root@3728a95e4984:/#
```


Membuka file yang ada di kontainer

```
MINGW64 ~/Users/USER/Alt/ +
USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
my-application       latest     7690b4d55c3b  20 minutes ago 179MB
redis               latest     9c893be668ac  6 weeks ago   116MB
postgres            latest     f23dc7cd74bd  7 weeks ago   432MB
docker/welcome-to-docker latest     c1f619e6477e  7 months ago   18.6MB

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED        STATUS        PORTS                               NAMES
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago   Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp      magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago   Up 58 minutes 0.0.0.0:8080->80/tcp              pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker ps -a
CONTAINER ID        IMAGE               COMMAND                  CREATED        STATUS        PORTS                               NAMES
c4be7a7727e3       postgres           "docker-entrypoint.s..." 5 hours ago    Exited (0) 5 hours ago
458f0a0135bd       postgres           "docker-entrypoint.s..." 5 hours ago    Exited (1) 59 minutes ago
011082f6b94d       postgres           "docker-entrypoint.s..." 5 hours ago    Exited (1) 5 hours ago
96e2346cb509       redis              "docker-entrypoint.s..." 24 hours ago   Up 59 minutes 6379/tcp, 0.0.0.0:8081->80/tcp      magical_mclean
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago   Up 58 minutes 0.0.0.0:8080->80/tcp              pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash

What's next:
  Try Docker Debug for seamless, persistent debugging tools in any container or image → docker debug my-application-container
  Learn more at https://docs.docker.com/go/debug-cli/
Error response from daemon: No such container: my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
3728a95e4984d5f13a9c4eb43e6c3f3e20839c5c635af58e0071456563449b62

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash
root@3728a95e4984:/# ls
Dockerfile  __pycache__  boot  etc  img-1.png  lib32  libx32  media  opt  requirements.txt  run  srv  tmp  var
README.md  bin          dev  home  lib        lib64  main.py  mnt   proc  root             sbin  sys  usr
root@3728a95e4984:/# docker logs my-application-container
bash: docker: command not found
root@3728a95e4984:/# cat requirements.txt
fastapi==0.100.0
uvicorn==0.22.0
root@3728a95e4984:/# |
```

9. Munculin log

docker logs <nama-container>

```
MINGW64 ~/Users/USER/Alt/ +
34ea70e4e245       docker/welcome-to-docker "/docker-entrypoint..." 24 hours ago   Up 58 minutes 0.0.0.0:8080->80/tcp              pedantic_easley

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash

What's next:
  Try Docker Debug for seamless, persistent debugging tools in any container or image → docker debug my-application-container
  Learn more at https://docs.docker.com/go/debug-cli/
Error response from daemon: No such container: my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker run --name my-application-container -p 3000:8000 -e USER_NAME=Yovina -d my-application:latest
3728a95e4984d5f13a9c4eb43e6c3f3e20839c5c635af58e0071456563449b62

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker exec -it my-application-container bash
root@3728a95e4984:/# ls
Dockerfile  __pycache__  boot  etc  img-1.png  lib32  libx32  media  opt  requirements.txt  run  srv  tmp  var
README.md  bin          dev  home  lib        lib64  main.py  mnt   proc  root             sbin  sys  usr
root@3728a95e4984:/# docker logs my-application-container
bash: docker: command not found
root@3728a95e4984:/# cat requirements.txt
fastapi==0.100.0
uvicorn==0.22.0
root@3728a95e4984:/# exit
exit

What's next:
  Try Docker Debug for seamless, persistent debugging tools in any container or image → docker debug my-application-container
  Learn more at https://docs.docker.com/go/debug-cli/

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker logs my-application-container
Error response from daemon: No such container: my-application-container

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ docker logs my-application-container
INFO: Started server process [7]
INFO: Waiting for application startup.
INFO: Application startup complete.
INFO: Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
INFO: 172.17.0.1:59650 - "GET / HTTP/1.1" 200 OK
INFO: 172.17.0.1:59650 - "GET /favicon.ico HTTP/1.1" 404 Not Found

USER@Luna MINGW64 ~/Alta/belajar-dockerfile (main)
$ |
```

10. Result

