## **BUILDING IMAGE WITH DOCKERFILE**

1. buat folder ubuntu kemudian isi dengan Dockerfile berikut

2. lalu build image dengan nama tes

```
padli@mrX:-/Docker/ubuntu x pa
```

```
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                                                                                                                                                                                       × 🛨 🔻
                            padli@mrX: ~/Docker/ubuntu
                                                                                                                         padli@mrX: ~/Docker/ubuntu
debconf: (TERM is not set, so the dialog frontend is not usable.)
debconf: falling back to frontend: Readline
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for sgml-base (1.26+nmu4ubuntu1) ...
* Starting Apache httpd web server apache2
Removing intermediate container c7194c1102c8
     -> a5d6a2442d37
Step 3/3 : EXPOSE 80
---> Running in 4e04a27a4523
Removing intermediate container 4e04a27a4523
---> 77c0038beee3
Successfully built 77c0038beee3
Successfully tagged tes:latest
 padli@mrX:~/Docker/ubuntu$ docker images
REPOSITORY
                                                                   TAG
                                                                                                    IMAGE ID
                                                                                                                                      CREATED
                                                                                                                                                                       SIZE
                                                                                                    77c0038beee3
                                                                   latest
                                                                                                                                      7 seconds ago
                                                                                                                                                                       257MB
                                                                                                                                      3 days ago
julian23/ubuntu-apache2-ssh-net-tools
                                                                   latest
                                                                                                    7a60b267f465
                                                                                                                                                                       301MB
                                                                                                    c9d990395902
                                                                                                                                     2 weeks ago
2 weeks ago
ubuntu
                                                                   latest
                                                                                                                                                                       113MB
 hello-world
                                                                                                    e38bc07ac18e
                                                                                                                                                                       1.85kB
                                                                   latest
  adli@mrX:~/Docker/ubuntu$
```

3. jalankan container dengan image tes buka port 80 host : ke 80 container

```
padli@mrX:~/Docker/ubuntu ×

padli@mrX:~/Docker/ubuntu$ sudo docker run -d --name my-2nd-container -p 80:80 tes
a08644780adcd44f74daed01bdf9c040f4e6a28a985422a8411677961c83a911
padli@mrX:~/Docker/ubuntu$
```

4. cek web server apache2 di lokal:80

```
root@44eTalca7a74://

padtl@mrx:-/Docker/ubuntuS docker ps
CONTAINER ID IMAGE
delalca7a74 tes "/bin/bash" About a minute ago Up About a minute 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Docker/ubuntuS curl http://Localhost:80
About a minute ago Up About a minute 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Docker/ubuntuS curl http://Localhost:80
About a minute ago Up About a minute 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Docker/ubuntuS curl http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
About a minute ago Up About a minute 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Docker/ubuntuS curl http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
About a minute ago Up About a minute 0.0.0.0:80->80/tcp my-2nd-container
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About a minute ago Up About a minute ago Up About a minute on 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Docker/ubuntuS curl http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
About a minute ago Up About a minute on 0.0.0.0:80->80/tcp my-2nd-container
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About a minute on 0.0.0.0:80->80/tcp my-2nd-container
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About a minute ago Up About a minute ago Up About a minute on 0.0.0.0:80->80/tcp my-2nd-container
padtlafar:-/Mocker/ubuntuS curl http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
About up About a minute ago Up About a minute ago Up About a min
```

5. berikut contoh Dockerfile untuk membangun image berisi node.js siap pakai

