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Roll NO :11

Practical 2B

```
prathamesh@prathameshs-MacBook-Air ~ % docker -v
Docker version 25.0.3, build 4debf41
prathamesh@prathameshs-MacBook-Air ~ % docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
openjdk latest 99f0a0d04588 14 months ago 487MB
prathamesh@prathameshs-MacBook-Air ~ % docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
7888e7790c7d openjdk "jshell" 2 minutes ago Up 2 minutes JAVA
prathamesh@prathameshs-MacBook-Air ~ % docker pull openjdk
Using default tag: latest
latest: Pulling from library/openjdk
Digest:
sha256:9b448de897d211c9e0ec635a485650aed6e28d4eca1efbc34940560a480b3f1f
Status: Image is up to date for openjdk:latest
docker.io/library/openjdk:latest
```

What's Next?

View a summary of image vulnerabilities and recommendations → [docker scout quickview openjdk](#)

```
prathamesh@prathameshs-MacBook-Air ~ % docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
openjdk latest 99f0a0d04588 14 months ago 487MB
prathamesh@prathameshs-MacBook-Air ~ % docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
7888e7790c7d openjdk "jshell" 3 minutes ago Up 3 minutes JAVA
prathamesh@prathameshs-MacBook-Air ~ % docker run --name JAVA -it -d openjdk
docker: Error response from daemon: Conflict. The container name "/JAVA" is already in use by container
"7888e7790c7d19e8661481af2a5c924f2a6962f29844a4c2be179964e398fc19". You
have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
prathamesh@prathameshs-MacBook-Air ~ % docker run --name MYIMAGE -it -d
openjdk
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
prathamesh@prathameshs-MacBook-Air ~ % docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
openjdk	latest	99f0a0d04588	14 months ago	487MB

```
prathamesh@prathameshs-MacBook-Air ~ % docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
eae3e20ba58d	openjdk	"jshell"	16 seconds ago	Up 15 seconds		MYIMAGE
7888e7790c7d	openjdk	"jshell"	4 minutes ago	Up 4 minutes		JAVA

```
prathamesh@prathameshs-MacBook-Air ~ % jshell
| Welcome to JShell -- Version 17.0.8
| For an introduction type: /help intro
```

```
jshell> System.out.println("Hello World")
Hello World
```

```
jshell> int a=10
a ==> 10
```

```
jshell> int b=20
b ==> 20
```

```
jshell> System.out.println(a+b)
30
```

```
jshell> docker images
| created variable images, however, it cannot be referenced until class docker is
declared
```

```
jshell> /exit
| Goodbye
prathamesh@prathameshs-MacBook-Air ~ % docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
openjdk	latest	99f0a0d04588	14 months ago	487MB

```
prathamesh@prathameshs-MacBook-Air ~ % docker stop
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
prathamesh@prathameshs-MacBook-Air ~ % docker container rm
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
```

```
prathamesh@prathameshs-MacBook-Air ~ % docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
openjdk	latest	99f0a0d04588	14 months ago	487MB

```
prathamesh@prathameshs-MacBook-Air ~ % docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7888e7790c7d	openjdk	"jshell"	10 minutes ago	Up 10 minutes		JAVA

```
prathamesh@prathameshs-MacBook-Air ~ %
```