

Name :

Roll NO :

Practical 2B

```
C:\Users\aj538> docker -v
```

```
Docker version 25.0.3, build 4debf41
```

```
C:\Users\aj538> docker images
```

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

```
C:\Users\aj538> docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7888e7790c7d	openjdk	"jshell"	2 minutes ago	Up 2 minutes		JAVA

```
C:\Users\aj538> 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](#)

```
C:\Users\aj538> docker images
```

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

```
C:\Users\aj538> docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
7888e7790c7d	openjdk	"jshell"	3 minutes ago	Up 3 minutes		JAVA

```
C:\Users\aj538> 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'.
```

```
C:\Users\aj538> docker run --name MYIMAGE -it -d openjdk
```

```
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
```

```
C:\Users\aj538> docker images
```

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

C:\Users\aj538> 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

C:\Users\aj538> 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

C:\Users\aj538> docker images

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

C:\Users\aj538> docker stop

eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77

C:\Users\aj538> docker container rm

eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77
eae3e20ba58d2a60067178c3d49bf342865e43b8eeac912ce0383add4ea1ae77

C:\Users\aj538> docker images

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

C:\Users\aj538> docker ps

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

C:\Users\aj538>