

Microsoft Windows [Version 10.0.22000.2176]
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C:\Users\exam>docker -v
Docker version 20.10.23, build 7155243

C:\Users\exam>docker image

Usage: docker image COMMAND

Manage images

Commands:

build	Build an image from a Dockerfile
history	Show the history of an image
import	Import the contents from a tarball to create a filesystem image
inspect	Display detailed information on one or more images
load	Load an image from a tar archive or STDIN
ls	List images
prune	Remove unused images
pull	Pull an image or a repository from a registry
push	Push an image or a repository to a registry
rm	Remove one or more images
save	Save one or more images to a tar archive (streamed to STDOUT by default)
tag	Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE

Run 'docker image COMMAND --help' for more information on a command.

C:\Users\exam>docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
python	latest	36d17f72f4f3	8 weeks ago	1.02GB
wad2b	latest	d90b4bb7f339	11 months ago	141MB
practical2b	latest	55db6cbb8a86	13 months ago	141MB
openjdk	latest	71260f256d19	2 years ago	470MB

C:\Users\exam>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

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C:\Users\exam>docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
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C:\Users\exam>docker run --name java -it -d openjdk

81a1ec89b498c23a1fe7b4a511add9075dc535b7ed4d29fd94acf36ee54d8228

C:\Users\exam>docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
81a1ec89b498	openjdk	"jshell"	About a minute ago	Up	About a minute	java

```
C:\Users\exam>docker exec -it java jshell
| Welcome to JShell -- Version 18.0.2.1
| For an introduction type: /help intro
```

```
jshell> System.out.println("Hello world");
Hello world
```

```
jshell> int a =30
a ==> 30
```

```
jshell> int b=40
b ==> 40
```

```
jshell> System.out.println(a+b);
70
```

```
jshell> System.out.println(a/b);
0
```

```
jshell> System.out.println(a-b);
-10
```

```
jshell> System.out.println(a*b);
1200
```

```
jshell> /exit
| Goodbye
```

```
C:\Users\exam>docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS      NAMES
81a1ec89b498   openjdk    "jshell"                 10 minutes ago Up 10 minutes                java
```

```
C:\Users\exam>container rm 81a1ec89b498
'container' is not recognized as an internal or external command,
operable program or batch file.
```

```
C:\Users\exam>docker container rm 81a1ec89b498
Error response from daemon: You cannot remove a running container
81a1ec89b498c23a1fe7b4a511add9075dc535b7ed4d29fd94acf36ee54d8228. Stop the container before attempting
removal or force remove
```

```
C:\Users\exam>docker stop 81a1ec89b498
81a1ec89b498
```

```
C:\Users\exam>docker container rm 81a1ec89b498
81a1ec89b498
```

```
C:\Users\exam>docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS      NAMES
```

```
C:\Users\exam>docker images
REPOSITORY      TAG          IMAGE ID            CREATED          SIZE
python          latest      36d17f72f4f3       8 weeks ago     1.02GB
wad2b           latest      d90b4bb7f339       11 months ago   141MB
practical2b     latest      55db6cbb8a86       13 months ago   141MB
openjdk         latest      71260f256d19       2 years ago     470MB
```

```
C:\Users\exam>docker image prune
WARNING! This will remove all dangling images.
```

Are you sure you want to continue? [y/N] y
Total reclaimed space: 0B

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