Microsoft Windows [Version 10.0.22621.1265]

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C:\Users\avcoe>wsl --update

Installing: Windows Subsystem for Linux

Windows Subsystem for Linux has been installed.

C:\Users\avcoe>docker -v

Docker version 23.0.5, build bc4487a

C:\Users\avcoe>docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

C:\Users\avcoe>docker pull hello-world

Using default tag: latest

latest: Pulling from library/hello-world

719385e32844: Pull complete

Digest: sha256:9eabfcf6034695c4f6208296be9090b0a3487e20fb6a5cb056525242621cf73d

Status: Downloaded newer image for hello-world:latest

docker.io/library/hello-world:latest

C:\Users\avcoe>docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

hello-world latest 9c7a54a9a43c 3 days ago 13.3kB

C:\Users\avcoe>docker pull openjdk

Using default tag: latest

latest: Pulling from library/openjdk

197c1adcd755: Pull complete

57b698b7af4b: Pull complete

95a27dbe0150: Pull complete

Digest: sha256:9b448de897d211c9e0ec635a485650aed6e28d4eca1efbc34940560a480b3f1f

Status: Downloaded newer image for openjdk:latest

docker.io/library/openjdk:latest

C:\Users\avcoe>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

C:\Users\avcoe>docker run --name JAVA -it -d openjdk

b0313cb89624bc5ef9c51c7bd233b729f3459cac4978817834d277d82c6c50c1

C:\Users\avcoe>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b0313cb89624 openjdk "jshell" 16 seconds ago Up 15 seconds JAVA

C:\Users\avcoe>docker exec

"docker exec" requires at least 2 arguments.

See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Execute a command in a running container

C:\Users\avcoe>docker exec -it JAVA jshell

| Welcome to JShell -- Version 18.0.2.1

| For an introduction type: /help intro

jshell> System.out.println("Hello AVCOE")

Hello AVCOE

jshell> int a=10

a ==> 10

jshell> int b =20

b ==> 20

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

30

jshell>

<press tab again to see all possible completions; total possible completions: 545>

jshell> \exit

| Error:

| illegal character: '\'

| \exit

| ^

| Error:

| reached end of file while parsing

| \exit

| ^

jshell> /exit

| Goodbye

C:\Users\avcoe>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

b0313cb89624 openjdk "jshell" 4 minutes ago Up 4 minutes JAVA

C:\Users\avcoe>docker stop b0313cb89624

b0313cb89624

C:\Users\avcoe>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

C:\Users\avcoe>docker container rm b0313cb89624

b0313cb89624

C:\Users\avcoe>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

C:\Users\avcoe>

1. docker –v
2. docker images
3. docker ps
4. docker pull openjdk
5. docker images
6. docker run –name JAVA it –d openjdk
7. docker ps
8. (to execute container) docker exec –it JAVA shell
9. (java shell opens) SOP(“hello world”)
10. Int a=7;
11. Int b=1;
12. SOP(a+b);
13. /exit (to close shell)
14. (to delete container) docker container rm ID
15. Error
16. docker stop ID
17. (to remove image) docker image prune