Windows PowerShell

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**PS C:\Users\Kanishq> docker -- version**

Client:

Version: 27.2.0

API version: 1.47

Go version: go1.21.13

Git commit: 3ab4256

Built: Tue Aug 27 14:17:17 2024

OS/Arch: windows/amd64

Context: desktop-linux

Server: Docker Desktop 4.34.3 (170107)

Engine:

Version: 27.2.0

API version: 1.47 (minimum version 1.24)

Go version: go1.21.13

Git commit: 3ab5c7d

Built: Tue Aug 27 14:15:15 2024

OS/Arch: linux/amd64

Experimental: false

containerd:

Version: 1.7.20

GitCommit: 8fc6bcff51318944179630522a095cc9dbf9f353

runc:

Version: 1.1.13

GitCommit: v1.1.13-0-g58aa920

docker-init:

Version: 0.19.0

GitCommit: de40ad0

**PS C:\Users\Kanishq> docker pull ubuntu**

Using default tag: latest

latest: Pulling from library/ubuntu

ff65ddf9395b: Download complete

Digest: sha256:99c35190e22d294cdace2783ac55effc69d32896daaa265f0bbedbcde4fbe3e5

Status: Downloaded newer image for ubuntu:latest

docker.io/library/ubuntu:latest

**PS C:\Users\Kanishq> docker run ubuntu**

**PS C:\Users\Kanishq> docker run -it ubuntu**

root@0e22613ea80b:/# exit

exit

**PS C:\Users\Kanishq>docker pull hello-world**

Using default tag: latest

latest: Pulling from library/hello-world

c1ec31eb5944: Download complete

Digest: sha256:d211f485f2dd1dee407a80973c8f129f00d54604d2c90732e8e320e5038a0348

Status: Downloaded newer image for hello-world:latest

docker.io/library/hello-world:latest

**PS C:\Users\Kanishq> docker images**

REPOSITORY TAG IMAGE ID CREATED SIZE

ubuntu latest 99c35190e22d 12 days ago 117MB

hello-world latest d211f485f2dd 17 months ago 24.4kB

**PS C:\Users\Kanishq> docker run ubuntu**

**PS C:\Users\Kanishq> docker run -it ubuntu**

root@87c9f1bea987:/# docker ps

bash: docker: command not found

root@87c9f1bea987:/#exit

exit

**PS C:\Users\Kanishq> docker ps**

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

**PS C:\Users\Kanishq> docker ps**

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

0e22613ea80b ubuntu "/bin/bash" 3 minutes ago Up 8 seconds silly\_keldysh

**PS C:\Users\Kanishq> docker rm** **afb2e89068732849f90bc0957c717fc49d96742e5da914cef7105eec03283daf**

**afb2e89068732849f90bc0957c717fc49d96742e5da914cef7105eec03283daf**

**PS C:\Users\Kanishq> docker stop** **0e22613ea80b94a4facb231f5332b83844a447fd5bfab40644dd0efc618d5248**

**0e22613ea80b94a4facb231f5332b83844a447fd5bfab40644dd0efc618d5248**

**PS C:\Users\Kanishq> docker rm** **0e22613ea80b94a4facb231f5332b83844a447fd5bfab40644dd0efc618d5248 c655e3087fa7ec09de27f943e4376e3f4f5216d966b2ca8ee342a6bd3d2b15f5 87c9f1bea9876d75b28019f185a32a48c3c99a9039f27318b1268ebafc9b5e3c**

**0e22613ea80b94a4facb231f5332b83844a447fd5bfab40644dd0efc618d5248**

**c655e3087fa7ec09de27f943e4376e3f4f5216d966b2ca8ee342a6bd3d2b15f5**

**87c9f1bea9876d75b28019f185a32a48c3c99a9039f27318b1268ebafc9b5e3c**

**PS C:\Users\Kanishq> docker rmi hello-world**

Untagged: hello-world:latest

Deleted: sha256:d211f485f2dd1dee407a80973c8f129f00d54604d2c90732e8e320e5038a0348

**PS C:\Users\Kanishq>docker pull python**

Using default tag: latest

latest: Pulling from library/python

7d98d813d54f: Download complete

da802df85c96: Download complete

3cb0c7824817: Download complete

7fd1c94ea9ec: Download complete

7aadc5092c3b: Download complete

ad1c7cfc347f: Download complete

6d4976a28162: Download complete

Digest: sha256:a31cbb4db18c6f09e3300fa85b77f6d56702501fcb9bdb8792ec702a39ba6200

Status: Downloaded newer image for python:latest

docker.io/library/python:latest

**PS C:\Users\Kanishq> docker run -it python**

Python 3.13.0 (main, Oct 19 2024, 04:14:02) [GCC 12.2.0] on linux

Type "help", "copyright", "credits" or "license" for more information.

>>> print("Helloworld")

Helloworld

>>> print("addition is" , (int(input("enter num1= ")) + (int (input("enter num2=")))))

enter num1= 20

enter num2=5

addition is 25

>>> print("subtraction is" , (int(input("enter num1= ")) - (int (input("enter num2=")))))

enter num1= 100

enter num2=60

subtraction is 40

>>> exit

**PS C:\Users\Kanishq> docker run -it openjdk:8**

Unable to find image 'openjdk:8' locally

8: Pulling from library/openjdk

8754a66e0050: Download complete

2068746827ec: Download complete

9daef329d350: Download complete

001c52e26ad5: Download complete

52a8c426d30b: Download complete

d85151f15b66: Download complete

d9d4b9b6e964: Download complete

Digest: sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8

Status: Downloaded newer image for openjdk:8

**root@c3de87dbda66:/#cat >> javapr1.java**

import java.util.Scanner;

public class javapr1{

public static void main(String[] args) {

// Create a scanner object to get input from the user

Scanner scanner = new Scanner(System.in);

// Ask the user for the first number

System.out.print("Enter the first number: ");

int num1 = scanner.nextInt();

// Ask the user for the second number

System.out.print("Enter the second number: ");

int num2 = scanner.nextInt();

// Add the two numbers

int sum = num1 + num2;

// Display the result

System.out.println("The sum is: " + sum);

// Close the scanner

scanner.close();

}

}

^C

root@c3de87dbda66:/#javac javapr1.java

root@c3de87dbda66:/# java javapr1

Enter the first number: 5

Enter the second number:2

The sum is: 7