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Microsoft Windows [Version 10.0.22631.4317]
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C:\Users\shrey>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

C:\Users\shrey>docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
 $ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/


C:\Users\shrey>docker run -it ubuntu
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
ff65ddf9395b: Download complete
Digest: sha256:99c35190e22d294cdace2783ac55effc69d32896daaa265f0bbedbcde4fbe3e5
Status: Downloaded newer image for ubuntu:latest
```

```
C:\Users\shrey>docker run -it ubuntu
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
ff65ddf9395b: Download complete
Digest: sha256:99c35190e22d294cdace2783ac55effc69d32896daaa265f0bbedbcde4fbe3e5
Status: Downloaded newer image for ubuntu:latest
root@363fab40f75f:/# ls
bin    dev   home   lib64   mnt    proc   run    srv    tmp    var
boot   etc   lib    media   opt    root   sbin   sys    usr
root@363fab40f75f:/# mkdir shreya
root@363fab40f75f:/# ls
bin    dev   home   lib64   mnt    proc   run    shreya   sys    usr
boot   etc   lib    media   opt    root   sbin   srv      tmp    var
root@363fab40f75f:/# cd pranit
bash: cd: pranit: No such file or directory
root@363fab40f75f:/# cd shreya
root@363fab40f75f:/shreya# touch shreya.txt
root@363fab40f75f:/shreya# cat >> shreya.txt
Hi pranit
Bye vidit
^C
root@363fab40f75f:/shreya# cat shreya.txt
Hi pranit
Bye vidit
root@363fab40f75f:/shreya# exit
exit

C:\Users\shrey>docker run -it openjdk:8
Unable to find image 'openjdk:8' locally
8: Pulling from library/openjdk
8754a66e0050: Downloading [=================>                              ]    35.65MB/105.9MB
9daef329d350: Downloading [============================>                   ]    31.46MB/54.58MB
2068746827ec: Download complete
001c52e26ad5: Downloading [==============================>                 ]    33.55MB/55MB
d85151f15b66: Download complete
d9d4b9b6e964: Download complete
52a8c426d30b: Download complete
```

```
    }
}
root@55a3a7d9fb66:/# touch Main.java
root@55a3a7d9fb66:/# cat>>Main.java
public class Main{
  public static void main(String[] args) {
    int x = 5;
    int y = 6;
    int sum = x + y;
    System.out.println(sum);
  }
}
^C
root@55a3a7d9fb66:/# cat Main.java
public class Main{
  public static void main(String[] args) {
    int x = 5;
    int y = 6;
    int sum = x + y;
    System.out.println(sum);
  }
}
root@55a3a7d9fb66:/# javac Main.java
root@55a3a7d9fb66:/# java Main
11
root@55a3a7d9fb66:/# docker stop sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8
bash: docker: command not found
root@55a3a7d9fb66:/# docker stop 86e863cc57215cfb181bd319736d0ba
f625fe8f150577f9eb58bd937f5452cb8
bash: docker: command not found
root@55a3a7d9fb66:/# exit
exit

C:\Users\shrey>docker stop sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8
Error response from daemon: No such container: sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8

C:\Users\shrey>docker stop 55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b
55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b

C:\Users\shrey>
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root@55a3a7d9fb66:/# exit
exit

C:\Users\shrey>docker stop sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8
Error response from daemon: No such container: sha256:86e863cc57215cfb181bd319736d0baf625fe8f150577f9eb58bd937f5452cb8

C:\Users\shrey>docker stop 55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b
55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b

C:\Users\shrey>docker start fervent_keller
fervent_keller

C:\Users\shrey>docker stop 55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b
55a3a7d9fb665f70e9e3ef29f04b708cbccba72444f56e76abfcae8a73dd295b

C:\Users\shrey>docker run -it python:3.9.19-bullseye
Unable to find image 'python:3.9.19-bullseye' locally
3.9.19-bullseye: Pulling from library/python
54cfd3060466: Download complete
ba83bbfca944: Download complete
6d691dff6d17: Download complete
9b36d483c6c2: Download complete
303a1cf41ce1: Download complete
48e779000ed2: Download complete
ee26ff40ab0c: Download complete
1e1a6321ee78: Download complete
Digest: sha256:5f263dd7b57313903fe9494e9a01bbb9148eabc8e6a826c6b2b1f5fe279d87bb
Status: Downloaded newer image for python:3.9.19-bullseye
Python 3.9.19 (main, Sep  5 2024, 00:26:10)
[GCC 10.2.1 20210110] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> print("Aditya is mad")
Aditya is mad
>>> exit()

C:\Users\shrey>
```