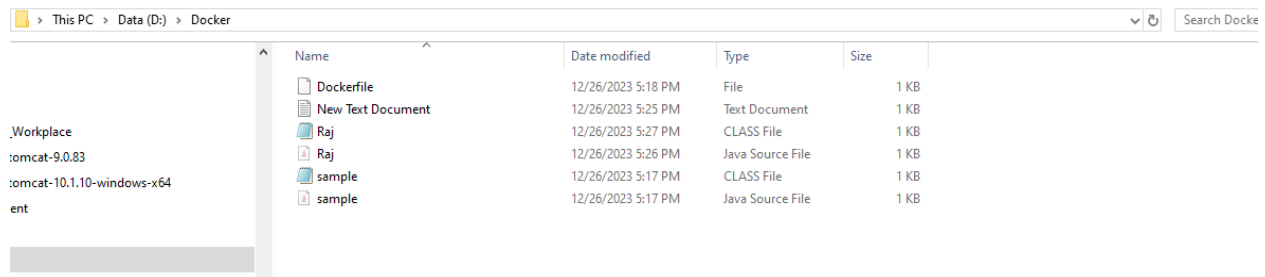


Docker Command:

First One: 1. Create the One Folder

2. Folder inside one create JavaFile



Second One: **Run the Docker Command:**

```
D:\Docker>javac sample.java

D:\Docker>java sample
Hello World

D:\Docker>docker --version
Docker version 24.0.7, build afdd53b

D:\Docker>docker build -t app1:version1 .
[+] Building 61.4s (9/9) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile              0.1s
=> => transferring dockerfile: 123B                             0.0s
=> [internal] load .dockerignore                                0.1s
=> => transferring context: 2B                                    0.0s
=> [internal] load metadata for docker.io/library/openjdk:latest 4.7s
=> [1/4] FROM docker.io/library/openjdk@sha256:9b448de897d211c9e0ec635a485650aed6e28d4eca1efbc34940560a480b3f1f 55.2s
=> => resolve docker.io/library/openjdk@sha256:9b448de897d211c9e0ec635a485650aed6e28d4eca1efbc34940560a480b3f1f 0.0s
=> => sha256:fe05457a5e9b9403f8e72eeba507ae80a4237d2d2d3f219fa62ceb128482a9ee 954B / 954B 0.0s
=> => sha256:71260f256d19f4ae5c762601e5301418d2516ca591103b1376f063be0b7ba056 4.46kB / 4.46kB 0.0s
=> => sha256:197c1adcd755131915cd019bdd58658d44445b3638f65449932c18ee39b6047c 44.56MB / 44.56MB 32.4s
=> => sha256:57b698b7af4b18900b53c768746b1dfb603dfb9aec1eea328fdac86d37001e2a 12.26MB / 12.26MB 4.7s
```

```
D:\Docker>javac Raj.java

D:\Docker>java Raj
Hello Raj

D:\Docker>
```

```

D:\Docker>docker-compose --version
Docker Compose version v2.23.3-desktop.2

D:\Docker>docker images
REPOSITORY              TAG          IMAGE ID        CREATED         SIZE
app1                    version1     3aa8f735bdce   53 seconds ago  470MB
docker/welcome-to-docker latest       c1f619b6477e   6 weeks ago    18.6MB

D:\Docker>docker-compose up
no configuration file provided: not found

D:\Docker>javac Raj.java

```

Docker Compose:

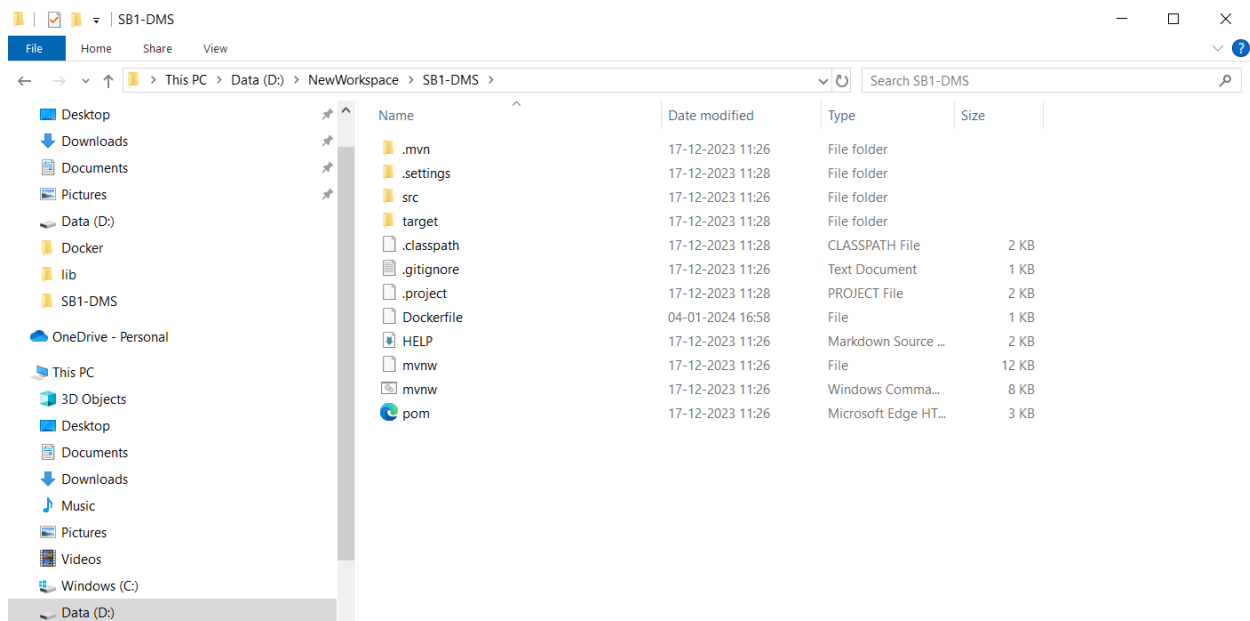
Multiple Containers in a Single container using.

Fraction of second create.

Fraction of second Up.

Fraction of second down.

The session and continue and maintain.



Dockerfile - Notepad

File Edit Format View Help

```
FROM tomcat:9.0
ADD **/*.war /usr/local/tomcat/webapps/
EXPOSE 8088
CMD ["catalina.sh", "run"]
```

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

D:\NewWorkspace\SB1-DMS>docker build -t sb1dms:latest .
2024/01/04 16:59:34 http2: server: error reading preface from client //./pipe/docker_engine: file has already been closed
[+] Building 3.1s (7/7) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 138B                             0.0s
=> [internal] load .dockerignore                               0.0s
=> => transferring context: 2B                                    0.0s
=> [internal] load metadata for docker.io/library/tomcat:9.0    3.0s
=> [internal] load build context                                0.0s
=> => transferring context: 2B                                    0.0s
=> CACHED [1/2] FROM docker.io/library/tomcat:9.0@sha256:5a61426385bc5915ba09c31dbf28bdd26b1ed69584a680102e511ac 0.0s
=> [2/2] ADD **/*.war /usr/local/tomcat/webapps/                0.0s
=> exporting to image                                           0.0s
=> => exporting layers                                           0.0s
=> => writing image sha256:dca4398316800eca5a9afa46c18d6cbeec4334d2fbe78be769ae2de5ecf2c77d 0.0s
=> => naming to docker.io/library/sb1dms:latest                 0.0s

View build details: docker-desktop://dashboard/build/default/default/2tgwuqni1xlsrgy6eq5269u1b

What's Next?
  View a summary of image vulnerabilities and recommendations → docker scout quickview

D:\NewWorkspace\SB1-DMS>docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
sb1dms        latest   dca439831680   19 seconds ago 455MB
cicddemo      latest   5dc19a810b8d   2 days ago    480MB
```

```
C:\Windows\System32\cmd.exe
=> [2/2] ADD **/*.war /usr/local/tomcat/webapps/ 0.0s
=> exporting to image 0.0s
=> => exporting layers 0.0s
=> => writing image sha256:dca439831680eca5a9afa46c18d6cbeec4334d2fbe78be769ae2de5ecf2c77d 0.0s
=> => naming to docker.io/library/sb1dms:latest 0.0s

View build details: docker-desktop://dashboard/build/default/default/2tgwuqni1xlsrgy6eq5269u1b

What's Next?
  View a summary of image vulnerabilities and recommendations → docker scout quickview

D:\NewWorkspace\SB1-DMS>docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
sb1dms        latest    dca439831680   19 seconds ago 455MB
cicddemo      latest    5dc19a810b8d   2 days ago    480MB
app1          version1  9ef79c33bd2d   8 days ago    470MB

D:\NewWorkspace\SB1-DMS>
```

FROM tomcat:9.0

ADD **/*.war /usr/local/tomcat/webapps/

EXPOSE 8088

CMD ["catalina.sh", "run"]