

# Advanced Docker and final practice-Part 3

## 1) Deploying a Static Web Server in Docker Using Bind Mounts:

```
Terminal
PS C:\Users\sreev\mysite> echo "hi>Hey docker guy</hi>" > index.html
PS C:\Users\sreev\mysite> ls

Directory: C:\Users\sreev\mysite

Mode                LastWriteTime         Length Name
----                -
-a----           25-02-2026   15:54             52 index.html

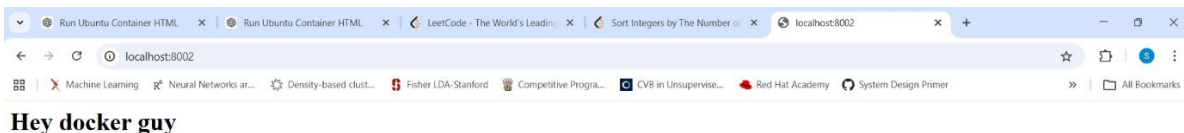
RAM 1.15 GB  CPU 0.08%  Disk: 6.18 GB used (limit 1006.85 GB)  Terminal  Update available
```

```
Terminal
PS C:\Users\sreev\mysite> docker run --name mywebs -p 8002:8000 -v C:\Users\sreev\mysite:/app ubuntu bash -c "apt update && apt install python3 -y && cd /app && python3 -m http.server 8000"
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble InRelease [256 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [1208 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble/universe amd64 Packages [19.3 MB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [34.8 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1879 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [3246 kB]

RAM 1.15 GB  CPU 0.25%  Disk: 6.18 GB used (limit 1006.85 GB)  Terminal  Update available
```

```
Terminal
running python rtupdate hooks for python3.12...
running python post-rtupdate hooks for python3.12...
Processing triggers for libc-bin (2.39-0ubuntu8.7) ...
Processing triggers for ca-certificates (20240203) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
Serving HTTP on 0.0.0.0 port 8000 (http://0.0.0.0:8000/) ...
172.17.0.1 - - [25/Feb/2026 14:26:55] "GET / HTTP/1.1" 200 -

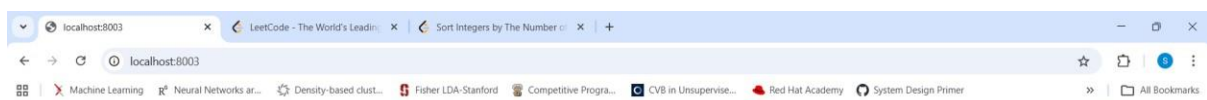
RAM 1.16 GB  CPU 0.00%  Disk: 6.18 GB used (limit 1006.85 GB)  Terminal  Update available
```



## 2) Containerized Deployment of Apache HTTP Server with Port Mapping and Volume Binding

```
Terminal
PS C:\Users\sreev\mysite> docker run -it --name apachepract -p 8003:80 -v ${PWD}:/var/www/html ubuntu bash
root@c04bd11b0e6f:/# apt update
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble InRelease [256 kB]
Get:3 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [34.8 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [3246 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [331 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble/main amd64 Packages [1808 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1879 kB]
RAM 0.88 GB CPU 0.08% Disk: 6.35 GB used (limit 1006.85 GB) >_ Terminal Update available
```

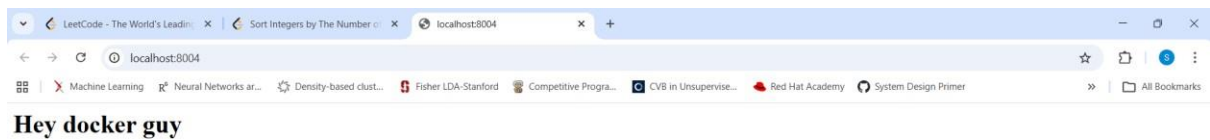
```
Terminal
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.7) ...
Processing triggers for ca-certificates (20240203) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@c04bd11b0e6f:/# apachectl -D FOREGROUND
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'ServerName' directive global
ly to suppress this message
RAM 0.95 GB CPU 0.00% Disk: 6.35 GB used (limit 1006.85 GB) >_ Terminal Update available
```



Hey docker guy

## 3) Containerized Web Hosting Using Apache HTTPD with Port Mapping and Volume Binding

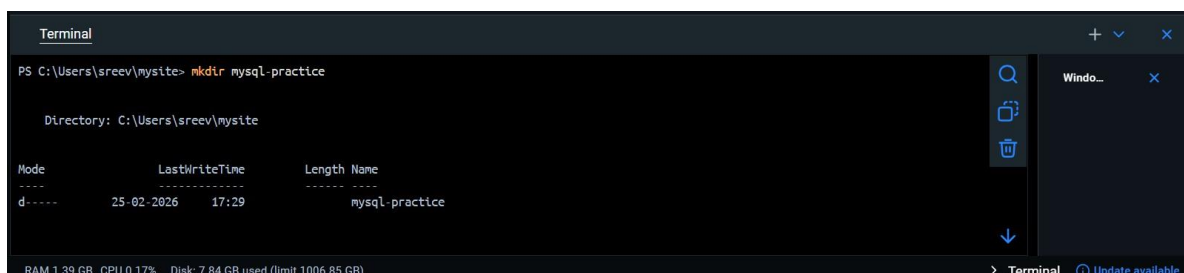
```
Terminal
PS C:\Users\sreev\mysite> docker run -d --name myhttpd -p 8004:80 -v ${PWD}:/usr/local/apache2/htdocs httpd
Unable to find image 'httpd:latest' locally
latest: Pulling from library/httpd
47a6bbb8d6d8: Pull complete
4f4fb700ef54: Pull complete
206356c42440: Pull complete
80414dfbf8f15: Pull complete
242bb693a1d3: Pull complete
7079f4501db6: Pull complete
44fabeaa234c: Download complete
ea9cd2f459bd: Download complete
RAM 0.88 GB CPU 3.77% Disk: 6.51 GB used (limit 1006.85 GB) >_ Terminal Update available
```



## 4) Containerized Static Web Hosting Using Nginx with Port Mapping and Volume Binding



## 5) MySQL Database Initialization Using Dockerfile and init.sql



```
Terminal
PS C:\Users\sreev\mysite\mysql-practice> ls

Directory: C:\Users\sreev\mysite\mysql-practice

Mode                LastWriteTime         Length Name
----                -
-a----             25-02-2026   17:40           123 dockerfile
-a----             25-02-2026   17:40           274 init.sql

RAM 1.39 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
PS C:\Users\sreev\mysite\mysql-practice> notepad init.sql
PS C:\Users\sreev\mysite\mysql-practice> docker build -t mysqlp .
[+] Building 2.7s (7/7) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 162B
=> [internal] load metadata for docker.io/library/mysql:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 337B
=> CACHED [1/2] FROM docker.io/library/mysql:latest@sha256:e5dc14f6e01c3e577e669337d2855c6d1561b30d8ef2c592e63e4e8a9a52650a

docker:desktop-linux 0.0s
0.0s
1.7s
0.1s
0.1s
0.1s
0.1s

RAM 1.46 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
- SecretsUsedInArgOrEnv: Do not use ARG or ENV instructions for sensitive data (ENV "MYSQL_ROOT_PASSWORD") (line 2)
PS C:\Users\sreev\mysite\mysql-practice> docker run -d --name mysqlcont -p 3307:3306 mysqlp
477823b3cbc936d34889557015509f25e110d7b5bd6bbae9e390b1a5b79946ed
PS C:\Users\sreev\mysite\mysql-practice> docker exec -it mysqlcont bash
bash-5.1# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 9.6.0 MySQL Community Server - GPL

Copyright (c) 2000, 2026, Oracle and/or its affiliates.

RAM 1.46 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
mysql> show databases
+-----+
| Database |
+-----+
| company  |
| information_schema |
| mysql    |
| company  |
| performance_schema |
| sys      |
+-----+

RAM 1.46 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
mysql> select * from Employees;
+----+-----+-----+-----+
| id | name | role | salary |
+----+-----+-----+-----+
| 1 | Alice | Manager | 50000 |
| 2 | Sweta | Tech Lead | 45000 |
| 3 | Rajan | SDE | 100000 |
+----+-----+-----+-----+
3 rows in set (0.001 sec)

mysql>

RAM 1.45 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
USE company;
CREATE TABLE Employees(
id INT PRIMARY KEY AUTO_INCREMENT,
name VARCHAR(100),
role VARCHAR(100),
salary INT);
INSERT INTO Employees(name,role,salary) VALUES
("Alice","Manager",50000),
("Sweta","Tech Lead",45000),
("Rajan","SDE",100000);
PS C:\Users\sreev\mysite\mysql-practice>

RAM 1.39 GB CPU 0.08% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
salary INT);
INSERT INTO Employees(name,role,salary) VALUES
('Alice','Manager',50000),
('Sweta','Tech Lead',45000),
('Rajan','SDE',100000);
PS C:\Users\sreev\mysite\mysql-practice> cat dockerfile
FROM mysql:latest
ENV MYSQL_ROOT_PASSWORD=vishisroot
ENV MYSQL_DATABASE=company
COPY init.sql /docker-entrypoint-initdb.d/
PS C:\Users\sreev\mysite\mysql-practice>

RAM 1.39 GB CPU 0.17% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

## 6) Building a Custom Nginx (Alpine) Docker Image to Serve Static Web Content

```
Terminal
Mode                LastWriteTime         Length Name
----                -
d-----          25-02-2026   20:26         alpinenginxp

PS C:\Users\sreev> cd alpinenginxp
PS C:\Users\sreev\alpinenginxp> notepad dockerfile
PS C:\Users\sreev\alpinenginxp> notepad index.html
PS C:\Users\sreev\alpinenginxp> docker ls

RAM 0.94 GB CPU 1.16% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
PS C:\Users\sreev\alpinenginxp> docker build -t nginxalppract .
[+] Building 2.4s (7/7) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 139B
=> [internal] load metadata for docker.io/library/nginx:alpine
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 31B
=> [1/2] FROM docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba
=> => resolve docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba

RAM 0.94 GB CPU 5.55% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
=> => naming to docker.io/library/nginxalppract:latest
=> => unpacking to docker.io/library/nginxalppract:latest
PS C:\Users\sreev\alpinenginxp> docker run -it --name nginxalp -p 8080:80 nginxalppract
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh

RAM 0.95 GB CPU 4.65% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```



Hey from nginx+alpine practice



```
Terminal
2026/02/25 15:03:36 [notice] 1#1: worker process 39 exited with code 0
2026/02/25 15:03:36 [notice] 1#1: signal 29 (SIGIO) received
2026/02/25 15:03:36 [notice] 1#1: signal 17 (SIGCHLD) received from 30
2026/02/25 15:03:36 [notice] 1#1: worker process 30 exited with code 0
2026/02/25 15:03:36 [notice] 1#1: exit
PS C:\Users\sreev\alpinenginx> cat dockerFile
FROM nginx:alpine
COPY index.html /usr/share/nginx/html
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
PS C:\Users\sreev\alpinenginx>

RAM 0.97 GB CPU 0.00% Disk: 7.84 GB used (limit 1006.85 GB) >_ Terminal Update available
```

## 7) End-to-End Container Lifecycle: Build, Tag, and Push Apache-PHP Images to Docker Hub and GHCR

```
Terminal
PS C:\Users\sreev\alpinenginx> docker run -it --name myapache ubuntu:22.04 bash
Unable to find image 'ubuntu:22.04' locally
22.04: Pulling from library/ubuntu
b1cba2e842ca: Pull complete
8b749da3820: Download complete
Digest: sha256:3ba65aa28f86a9fad9df2b2c259c613df086b2e6d0bfcc8a146afb8c525a9751
Status: Downloaded newer image for ubuntu:22.04
root@25fda7412270:/# docker exec -t myapache bash
bash: docker: command not found
root@25fda7412270:/# apt update
Get:1 http://archive.ubuntu.com/ubuntu jammy InRelease [270 kB]
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:3 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [3767 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/restricted amd64 Packages [164 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [6626 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [266 kB]

RAM 1.05 GB CPU 0.08% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
Zend Engine v4.1.2, Copyright (c) Zend Technologies
with Zend OPcache v8.1.2-1ubuntu2.23, Copyright (c), by Zend Technologies
root@25fda7412270:/# apache2 -v
Server version: Apache/2.4.52 (Ubuntu)
Server built: 2025-12-09T15:50:28
root@25fda7412270:/# exit
PS C:\Users\sreev\alpinenginx> docker commit myapache myapache:1.0
sha256:69c413d2688d4d8c2aa1be84d3536e468d9b2d08e6a7ebc5899a6b9a2ad752b
PS C:\Users\sreev\alpinenginx> docker login
Authenticating with existing credentials... [Username: svtsh07]

Info -> To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
PS C:\Users\sreev\alpinenginx> docker push svtsh07/myapache:1.0
The push refers to repository [docker.io/svtsh07/myapache]

RAM 1.05 GB CPU 0.00% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
tag does not exist: svish07/myapache:1.0
PS C:\Users\sreev\alpinenginx> docker tag myapache:1.0 svish07/myapache:1.0
PS C:\Users\sreev\alpinenginx> docker push svish07/myapache:1.0
The push refers to repository [docker.io/svtsh07/myapache]
cf23688d8ac6: Pushed
b1cba2e842ca: Mounted from library/ubuntu
1.0: digest: sha256:69c413d2688d4d8c2aa1be84d3536e468d9b2d08e6a7ebc5899a6b9a2ad752b size: 751
PS C:\Users\sreev\alpinenginx> ls

Directory: C:\Users\sreev\alpinenginx

Mode                LastWriteTime         Length Name
----                -
-a---             25-02-2026    20:31           101 dockerfile
-a---             25-02-2026    20:29           39 index.html

RAM 1.05 GB CPU 0.08% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
Deleted: sha256:9174de8f851126181c6a7006c8c62ecf08ff9f4377fcd0a88b84d0e2cebd325
PS C:\Users\sreev\alpinenglnx> docker build -t ghcr.io/sreevishnu07/newglnx:1.0 .
[+] Building 1.9s (777) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 138B
=> [internal] load metadata for docker.io/library/nginx:alpine
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 31B
=> [1/2] FROM docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aa88cef2344d65b65bf6b7d9fa4cf0dca557a8d7702ba
=> => resolve docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aa88cef2344d65b65bf6b7d9fa4cf0dca557a8d7702ba
=> CACHED [2/2] COPY index.html /usr/share/nginx/html
=> exporting to image
=> => exporting layers
=> => exporting manifest sha256:1158958411b794e78e98cf6ca901ae3cf4281831aa9ab513ca71283663c26
=> => exporting config sha256:d4d9b5d93527a3b4808116e9537fc847c1add1be267ba7c1d147509b90184ea2
=> => exporting attestation manifest sha256:5a9799d666854867deb68ad0ef0ed18cd482532ad2103c3ecbce3e07dfdbf9aa

RAM 1.04 GB CPU 0.00% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
PS C:\Users\sreev\alpinenglnx> docker login ghcr.io
Authenticating with existing credentials... [Username: svish07]

Info -> To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
PS C:\Users\sreev\alpinenglnx> docker push ghcr.io/sreevishnu07/newglnx:1.0
The push refers to repository [ghcr.io/sreevishnu07/newglnx]
b2a1eeab4de: Pushed
3994808094e: Mounted from sreevishnu07/ghcrdemo
bca5d84786e1: Mounted from sreevishnu07/ghcrdemo
6d307a54a185: Mounted from sreevishnu07/ghcrdemo
955a8478f9ac: Mounted from sreevishnu07/ghcrdemo
6b7b6c7061b7: Mounted from sreevishnu07/ghcrdemo
589002ba8eae: Mounted from sreevishnu07/ghcrdemo
3e2c181db1b0: Mounted from sreevishnu07/ghcrdemo
5e7756927bef: Mounted from sreevishnu07/ghcrdemo

RAM 1.04 GB CPU 0.00% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
1.0: digest: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc size: 856
PS C:\Users\sreev\alpinenglnx> docker rmi ghcr.io/sreevishnu07/newglnx:1.0
Untagged: ghcr.io/sreevishnu07/newglnx:1.0
Deleted: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc
PS C:\Users\sreev\alpinenglnx> docker pull ghcr.io/sreevishnu07/newglnx:1.0
1.0: Pulling from sreevishnu07/newglnx
Digest: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc
Status: Downloaded newer image for ghcr.io/sreevishnu07/newglnx:1.0
ghcr.io/sreevishnu07/newglnx:1.0
PS C:\Users\sreev\alpinenglnx> docker images

IMAGE                                ID                                DISK USAGE  CONTENT SIZE  EXTRA
ghcr.io/sreevishnu07/newglnx:1.0    ac072324d8a8                    92.5MB      26MB          In Use
httpd:latest                        96b1e8f69ee3                    177MB      47.6MB
myapache:1.0                        69c413d2680d                    438MB      129MB
mysql:latest                        e5dc14f6e01c                    1.27GB     283MB
mysqlp:latest                       b05c2f4b8ee6                    1.25GB     266MB
mysqlpract:latest                   e78a010bf73e                    1.25GB     266MB

RAM 1.04 GB CPU 0.08% Disk: 8.45 GB used (limit 1006.85 GB) >_ Terminal Update available
```

## 8) Docker-Based Runtime Environment Management for Java and Python Applications

```
Terminal
PS C:\Users\sreev> mkdir javapluspythoncont

Directory: C:\Users\sreev

Mode                LastWriteTime         Length Name
----                -
d-----          25-02-2026    22:16         javapluspythoncont

PS C:\Users\sreev> cd javapluspythoncont
PS C:\Users\sreev\javapluspythoncont> notepad Hello.java
PS C:\Users\sreev\javapluspythoncont> ls

Directory: C:\Users\sreev\javapluspythoncont

RAM 1.19 GB CPU 0.00% Disk: 8.56 GB used (limit 1006.85 GB) >_ Terminal Update available
```

```
Terminal
PS C:\Users\sreev\javapluspythoncont> docker build -t javaprac .
[+] Building 6.4s (10/10) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 128B
=> [internal] load metadata for docker.io/library/eclipse-temurin:latest
=> [auth] library/eclipse-temurin:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 338B
=> CACHED [1/4] FROM docker.io/library/eclipse-temurin:latest@sha256:acab88ae9273ee938c1da611ed60ff51ab0ab18325e4b1b81178039059f86e
=> => resolve docker.io/library/eclipse-temurin:latest@sha256:acab88ae9273ee938c1da611ed60ff51ab0ab18325e4b1b81178039059f86e
=> [2/4] COPY . /app
=> [3/4] WORKDIR /app
=> [4/4] RUN javac Hello.java
=> exporting to image
=> => exporting layers
=> => exporting manifest sha256:8448361970a5d175ceb38b5da946cc34817c0e1ff6b46c36c26a25d9a72a92a5

RAM 1.20 GB CPU 0.00% Disk: 8.56 GB used (limit 1006.85 GB)
```

```
Terminal
PS C:\Users\sreev\javapluspythoncont> docker run -it --name javacont javaprac
Hey this is java containerization
Just giving it my all
PS C:\Users\sreev\javapluspythoncont> docker mkdir pythonsubdir
docker: unknown command: docker mkdir

Run 'docker --help' for more information
PS C:\Users\sreev\javapluspythoncont> mkdir pythonsubdir

Directory: C:\Users\sreev\javapluspythoncont

Mode                LastWriteTime         Length Name
----                -
d-----          25-02-2026    22:35          pythonsubdir

RAM 1.20 GB CPU 0.33% Disk: 8.56 GB used (limit 1006.85 GB)
```

```
Terminal
PS C:\Users\sreev\javapluspythoncont\pythonsubdir> docker build -t pythonarnageddon .
[+] Building 19.4s (11/11) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 208B
=> [internal] load metadata for docker.io/library/python:3.11-slim
=> [auth] library/python:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [1/5] FROM docker.io/library/python:3.11-slim@sha256-fba6f3b73795df99960f4269b297420bdbe01a8631fc31ea3f121f2486d332d0
=> => resolve docker.io/library/python:3.11-slim@sha256-fba6f3b73795df99960f4269b297420bdbe01a8631fc31ea3f121f2486d332d0
=> sha256:269d3f7471e27a9c2542916a49849e76630f22709b7e6063730b617d34d444d6f 14.36MB / 14.36MB
=> sha256:28c7e2bc4784ae35d32ed16d30b72e35df3c3f6a0214492f5be2b11e4b5ae2b0 250B / 250B
=> sha256:13159fd0b0512a3ec0fe5d5e51affb0ef7eb36b371459c75e34f5c090a08070f4 1.29MB / 1.29MB
=> => extracting sha256:13159fd0b0512a3ec0fe5d5e51affb0ef7eb36b371459c75e34f5c090a08070f4
=> => extracting sha256:269d3f7471e27a9c2542916a49849e76630f22709b7e6063730b617d34d444d6f
=> => extracting sha256:28c7e2bc4784ae35d32ed16d30b72e35df3c3f6a0214492f5be2b11e4b5ae2b0
=> [internal] load build context

RAM 1.20 GB CPU 0.00% Disk: 8.56 GB used (limit 1006.85 GB)
```

```
Terminal
=> => exporting manifest sha256:224314959ac8c9faf103c5dad54c4e185bf9cee2fec4d8363a78beb54226764c
=> => exporting config sha256:88dcdc3a35af2ba9157ad70bf4877b75167c41adb27b592085a430266fd0895
=> => exporting attestation manifest sha256:fbc1882974274ac5cd41420ad73948f583ea3568c9386305c9c1ca3891180bc2
=> => exporting manifest list sha256:a05da4b83f5fd09cfa01e28694e91efc183a997341bdc15a47e5f73f3ea38a17
=> => naming to docker.io/library/pythonarnageddon:latest
=> => unpacking to docker.io/library/pythonarnageddon:latest
PS C:\Users\sreev\javapluspythoncont\pythonsubdir> docker run -it --name pythoncont -p 5081:5080 pythonarnageddon
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5080
* Running on http://172.17.0.2:5080
Press CTRL-C to quit
172.17.0.1 - - [25/Feb/2026 17:58:30] "GET / HTTP/1.1" 200 -
172.17.0.1 - - [25/Feb/2026 17:58:30] "GET /favicon.ico HTTP/1.1" 404 -
172.17.0.1 - - [25/Feb/2026 17:58:39] "GET / HTTP/1.1" 200 -

RAM 1.20 GB CPU 0.08% Disk: 8.56 GB used (limit 1006.85 GB)
```

