Advanced Docker and final practice-Part 3

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

Hey docker guy

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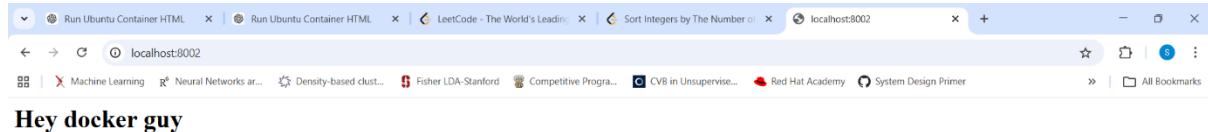

```
PS C:\Users\sreev\mysite> docker run -it --name apachepract -p 8003:80 -v ${PWD}:/var/www/html ubuntu bash
root@c04bd11b0e6f:/# apt update
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble InRelease [256 kB]
Get:3 http://security.ubuntu.com/ubuntu 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]
```

```
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
```
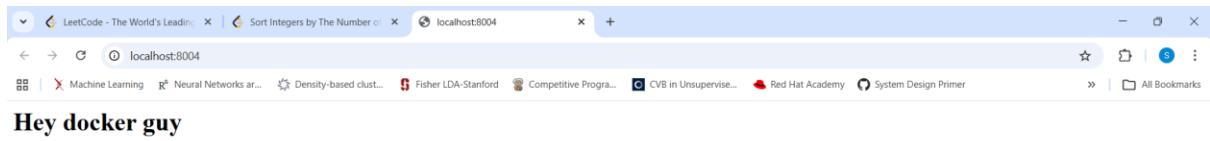
Hey docker guy

3) Containerized Web Hosting Using Apache HTTPD with Port Mapping and Volume Binding
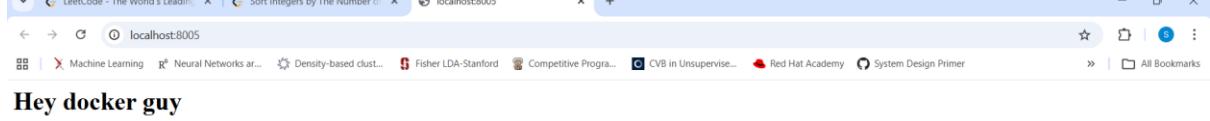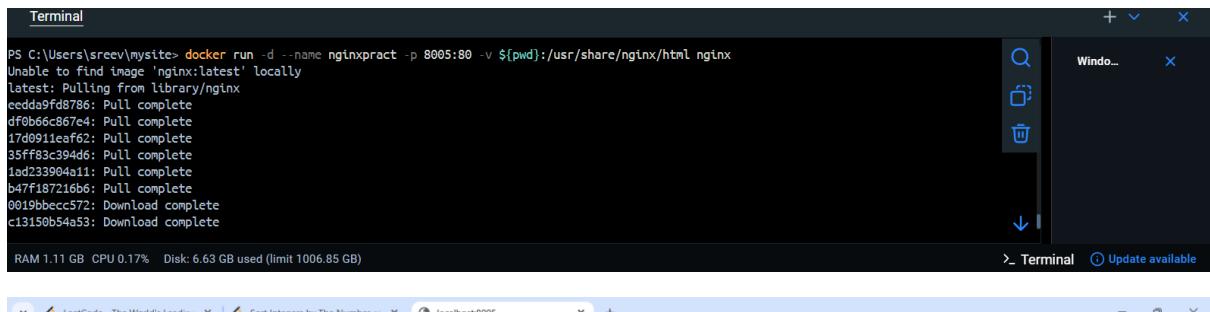
```
PS C:\Users\sreev\mysite> docker run -d --name myhttpd -p 8004:80 -v ${pwd}:/usr/local/apache2/htdocs httpd
Unable to find image 'httpd:latest' locally
latest: Pulling from library/httpd
47a6bbb8d6d8: Pull complete
4f4fb700ef54: Pull complete
206356c42440: Pull complete
80414dfb8f15: Pull complete
242bb693a1d3: Pull complete
7079f4501db6: Pull complete
44fabeaa234c: Download complete
ea9cd2f459bd: Download complete
```

Hey docker guy
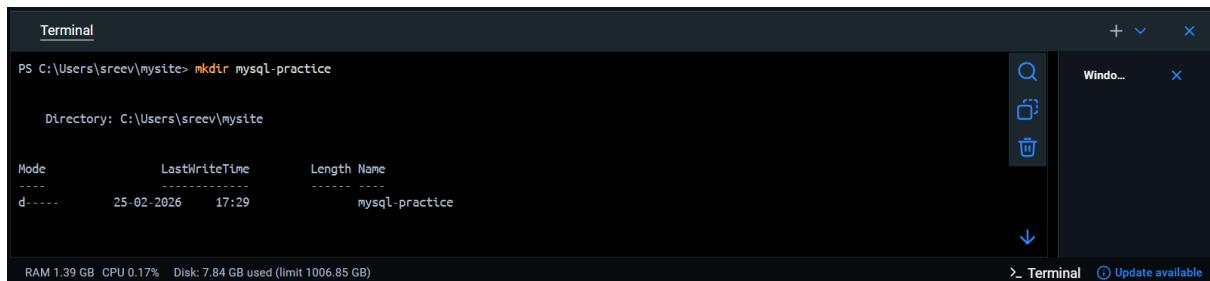
4) Containerized Static Web Hosting Using Nginx with Port Mapping and Volume Binding


```
PS C:\Users\sreev\mysite> docker run -d --name nginxpract -p 8005:80 -v ${pwd}:/usr/share/nginx/html nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
eedda9fd8786: Pull complete
df0b66c867e4: Pull complete
17d0911eaf62: Pull complete
35ff83c394d6: Pull complete
1ad233904a11: Pull complete
b47f187216b6: Pull complete
0019bbecc572: Download complete
c13150b54a53: Download complete
```

RAM 1.11 GB   CPU 0.17%   Disk: 6.63 GB used (limit 1006.85 GB)

Hey docker guy

5) MySQL Database Initialization Using Dockerfile and init.sql


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


    Directory: C:\Users\sreev\mysite


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         25-02-2026     17:29                mysql-practice
```

RAM 1.39 GB   CPU 0.17%   Disk: 7.84 GB used (limit 1006.85 GB)

```
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                                    docker:desktop-linux
 => [internal] load build definition from dockerfile                              0.0s
 => => transferring dockerfile: 162B                                              0.0s
 => [internal] load metadata for docker.io/library/mysql:latest                   1.7s
 => [internal] load .dockerignore                                                 0.1s
 => => transferring context: 2B                                                   0.1s
 => [internal] load build context                                                 0.1s
 => => transferring context: 337B                                                 0.1s
 => CACHED [1/2] FROM docker.io/library/mysql:latest@sha256:e5dc14f6e01c3e577e669337d2855c6d1561b30d8ef2c592e63e4e8a9a52650a   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
477823b3cbc936d34889557015509f25e110d7b5bd6bbae9e390b1a5b79046ed
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              |
| ompany             |
| 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
```

```
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>
```

Windo... ✕

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

```
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
```

Windo... ✕

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

```
PS C:\Users\sreev\alpinenginxp> docker build -t nginxalppract .
[+] Building 2.4s (7/7) FINISHED                                          docker:desktop-linux
 => [internal] load build definition from dockerfile                                     0.1s
 => => transferring dockerfile: 138B                                                     0.1s
 => [internal] load metadata for docker.io/library/nginx:alpine                          1.7s
 => [internal] load .dockerignore                                                        0.0s
 => => transferring context: 2B                                                          0.0s
 => [internal] load build context                                                        0.1s
 => => transferring context: 31B                                                         0.1s
 => [1/2] FROM docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aaa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba  0.0s
 => => resolve docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aaa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba  0.0s
```

Windo... ✕

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

```
 => => naming to docker.io/library/nginxalppract:latest                                  0.0s
 => => unpacking to docker.io/library/nginxalppract:latest                               0.0s
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
```

Windo... ✕

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

localhost:8080

Hey from nginx+alpine practice

```
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\alpinenginxp> cat dockerfile
FROM nginx:alpine
COPY index.html /usr/share/nginx/html
EXPOSE 80
CMD ["nginx","-g","daemon off;"]
PS C:\Users\sreev\alpinenginxp>
```

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


```
PS C:\Users\sreev\alpinenginxp> 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
8b74a9da3820: Download complete
Digest: sha256:3ba65aa20f86a0fad9df2b2c259c613df006b2e6d0bfcc8a146afb8c525a9751
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]
```



```
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
exit
PS C:\Users\sreev\alpinenginxp> docker commit myapache myapache:1.0
sha256:69c413d2680d4dd8c2aa1be04d3536e468d9b2d08e6a7ebc5899a6b9a2ad752b
PS C:\Users\sreev\alpinenginxp> docker login
Authenticating with existing credentials... [Username: svish07]

i Info →To login with a different account, run 'docker logout' followed by 'docker login'


Login Succeeded
PS C:\Users\sreev\alpinenginxp> docker push svish07/myapache:1.0
The push refers to repository [docker.io/svish07/myapache]
```



```
tag does not exist: svish07/myapache:1.0
PS C:\Users\sreev\alpinenginxp> docker tag myapache:1.0 svish07/myapache:1.0
PS C:\Users\sreev\alpinenginxp> docker push svish07/myapache:1.0
The push refers to repository [docker.io/svish07/myapache]
cf23608d8ac6: Pushed
b1cba2e842ca: Mounted from library/ubuntu
1.0: digest: sha256:69c413d2680d4dd8c2aa1be04d3536e468d9b2d08e6a7ebc5899a6b9a2ad752b size: 751
PS C:\Users\sreev\alpinenginxp> ls


    Directory: C:\Users\sreev\alpinenginxp


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

Terminal

```
Deleted: sha256:9174de8f851126181c6a7006c8c62ecf608ff9f437ffdc0a88b84d0e2cebd325
PS C:\Users\sreev\alpinenginxp> docker build -t ghcr.io/sreevishnu07/newnginx:1.0 .
                                                                        docker:desktop-linux
[+] Building 1.9s (7/7) FINISHED
 => [internal] load build definition from dockerfile                              0.0s
 => => transferring dockerfile: 138B                                              0.0s
 => [internal] load metadata for docker.io/library/nginx:alpine                   1.3s
 => [internal] load .dockerignore                                                 0.0s
 => => transferring context: 2B                                                   0.0s
 => [internal] load build context                                                 0.0s
 => => transferring context: 31B                                                  0.0s
 => [1/2] FROM docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aaa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba    0.0s
 => => resolve docker.io/library/nginx:alpine@sha256:1d13701a5f9f3fb01aaa88cef2344d65b6b5bf6b7d9fa4cf0dca557a8d7702ba    0.0s
 => CACHED [2/2] COPY index.html /usr/share/nginx/html                            0.0s
 => exporting to image                                                            0.2s
 => => exporting layers                                                           0.0s
 => => exporting manifest sha256:1158958411b794e78e98cfcfc6a901ae3cf4281831aa9ab513caf71203663c26    0.0s
 => => exporting config sha256:d4d9b5d93527a3b4808116e9537fc847c1add1be267ba7c1d147509b90184ea2      0.0s
 => => exporting attestation manifest sha256:5a9799d666854867deb68ad0ef8ed18cd482532ad2103c3ecbce3e07dfd8f9aa    0.1s
```

RAM 1.04 GB CPU 0.00%   Disk: 8.45 GB used (limit 1006.85 GB)

Terminal

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

i Info →To login with a different account, run 'docker logout' followed by 'docker login'

Login Succeeded
PS C:\Users\sreev\alpinenginxp> docker push ghcr.io/sreevishnu07/newnginx:1.0
The push refers to repository [ghcr.io/sreevishnu07/newnginx]
b2a81eca84da: Pushed
399d0898a94e: Mounted from sreevishnu07/ghcrdemo
bca5d04786e1: Mounted from sreevishnu07/ghcrdemo
6d397a54a185: Mounted from sreevishnu07/ghcrdemo
955a8478f9ac: Mounted from sreevishnu07/ghcrdemo
6b7b6c7061b7: Mounted from sreevishnu07/ghcrdemo
589002ba0eae: 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

```
1.0: digest: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc size: 856
PS C:\Users\sreev\alpinenginxp> docker rmi ghcr.io/sreevishnu07/newnginx:1.0
Untagged: ghcr.io/sreevishnu07/newnginx:1.0
Deleted: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc
PS C:\Users\sreev\alpinenginxp> docker pull ghcr.io/sreevishnu07/newnginx:1.0
1.0: Pulling from sreevishnu07/newnginx
Digest: sha256:ac072324d8a8f9a6dc50513a43365dbbd2b28b767bfe7ab1b5f20e9196934cfc
Status: Downloaded newer image for ghcr.io/sreevishnu07/newnginx:1.0
ghcr.io/sreevishnu07/newnginx:1.0
PS C:\Users\sreev\alpinenginxp> docker images
                                                          i Info →  U  In Use

IMAGE                              ID             DISK USAGE   CONTENT SIZE   EXTRA
ghcr.io/sreevishnu07/newnginx:1.0  ac072324d8a8   92.5MB       26MB           U
httpd:latest                       96b1e8f69ee3   177MB        47.6MB         U
myapache:1.0                       69c413d2680d   430MB        120MB
mysql:latest                       e5dc14f6e01c   1.27GB       283MB
mysqlp:latest                      b05c2f4b8ee6   1.25GB       266MB
mysqlpract:latest                  e78a010bf73e   1.25GB       266MB          U
```

RAM 1.04 GB CPU 0.08%   Disk: 8.45 GB used (limit 1006.85 GB)

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   + ∨   ✕

PS C:\Users\sreev\javapluspythoncont> docker build -t javaprac .
[+] Building 6.4s (10/10) FINISHED   docker:desktop-linux
 => [internal] load build definition from dockerfile   0.1s
 => => transferring dockerfile: 128B   0.0s
 => [internal] load metadata for docker.io/library/eclipse-temurin:latest   2.5s
 => [auth] library/eclipse-temurin:pull token for registry-1.docker.io   0.0s
 => [internal] load .dockerignore   0.1s
 => => transferring context: 2B   0.0s
 => [internal] load build context   0.1s
 => => transferring context: 338B   0.1s
 => CACHED [1/4] FROM docker.io/library/eclipse-temurin:latest@sha256:acab08ae09273ee938c1da6111ed60ff51ab0ab18325e4b1b81178039059f86e 0.1s
 => => resolve docker.io/library/eclipse-temurin:latest@sha256:acab08ae09273ee938c1da6111ed60ff51ab0ab18325e4b1b81178039059f86e 0.0s
 => [2/4] COPY . /app   0.1s
 => [3/4] WORKDIR /app   0.1s
 => [4/4] RUN javac Hello.java   2.2s
 => exporting to image   0.6s
 => => exporting layers   0.3s
 => => exporting manifest sha256:0448361970a5d175ceb38b5da946cc34817c0e1ff6b46c36c26a25d9a72a92a5 0.0s

RAM 1.20 GB CPU 0.00%   Disk: 8.56 GB used (limit 1006.85 GB)   >_ Terminal   ⓘ Update available

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   ⓘ Update available

Terminal   + ∨   ✕

PS C:\Users\sreev\javapluspythoncont\pythonsubdir> docker build -t pythonarmageddon .
[+] Building 19.4s (11/11) FINISHED   docker:desktop-linux
 => [internal] load build definition from dockerfile   0.1s
 => => transferring dockerfile: 200B   0.1s
 => [internal] load metadata for docker.io/library/python:3.11-slim   4.7s
 => [auth] library/python:pull token for registry-1.docker.io   0.0s
 => [internal] load .dockerignore   0.1s
 => => transferring context: 2B   0.0s
 => [1/5] FROM docker.io/library/python:3.11-slim@sha256:fba6f3b73795df99960f4269b297420bdbe01a8631fc31ea3f121f2486d332d0 6.0s
 => => resolve docker.io/library/python:3.11-slim@sha256:fba6f3b73795df99960f4269b297420bdbe01a8631fc31ea3f121f2486d332d0 0.1s
 => => sha256:269d3f7471e27a9c2542916a49849e76630f22709b7e6063730b617d34d4d6f 14.36MB / 14.36MB 4.8s
 => => sha256:28c7e2bc4784ae35d32ed16d30b72e35df3c3f6a0214492f5be2b11e4b5ae2b0 250B / 250B   1.4s
 => => sha256:13159fd0b0512a3ecefe5d5e51affb0ef7eb36b371459c75e34f5c090a0870f4 1.29MB / 1.29MB 2.4s
 => => extracting sha256:13159fd0b0512a3ecefe5d5e51affb0ef7eb36b371459c75e34f5c090a0870f4   0.3s
 => => extracting sha256:269d3f7471e27a9c2542916a49849e76630f22709b7e6063730b617d34d4d6f   0.9s
 => => extracting sha256:28c7e2bc4784ae35d32ed16d30b72e35df3c3f6a0214492f5be2b11e4b5ae2b0   0.0s
 => [internal] load build context   0.2s

RAM 1.20 GB CPU 0.00%   Disk: 8.56 GB used (limit 1006.85 GB)   >_ Terminal   ⓘ Update available

Terminal   + ∨   ✕
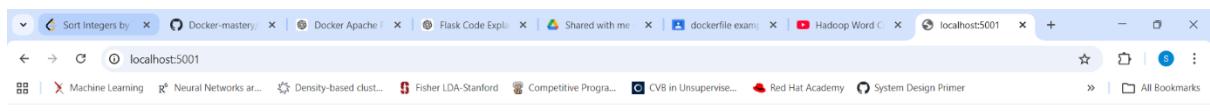
 => => exporting manifest sha256:224314959ac8c9faf103c5dad54c4e185bf9cee2fec4d0363a78beb54226764c 0.0s
 => => exporting config sha256:88dcdc3a35af2ba9157ad70bf4877b475167c41adb27b592085a430266fd0895   0.0s
 => => exporting attestation manifest sha256:f8c1882974274ac5cd41420adf3948f583ea3568c9386305c9c1ca3891180bc2 0.0s
 => => exporting manifest list sha256:a05da4b83f5fd09cfa01e28694e91efc103a997341bdc15a47e5f73f3ea38a17 0.0s
 => => naming to docker.io/library/pythonarmageddon:latest   0.0s
 => => unpacking to docker.io/library/pythonarmageddon:latest   0.1s
PS C:\Users\sreev\javapluspythoncont\pythonsubdir> docker run -it --name pythoncont -p 5001:5000 pythonarmageddon
 * 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://127.0.0.1:5000
 * Running on http://172.17.0.2:5000
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)   >_ Terminal   ⓘ Update available

localhost:5001

Hello from docker and Vishnu