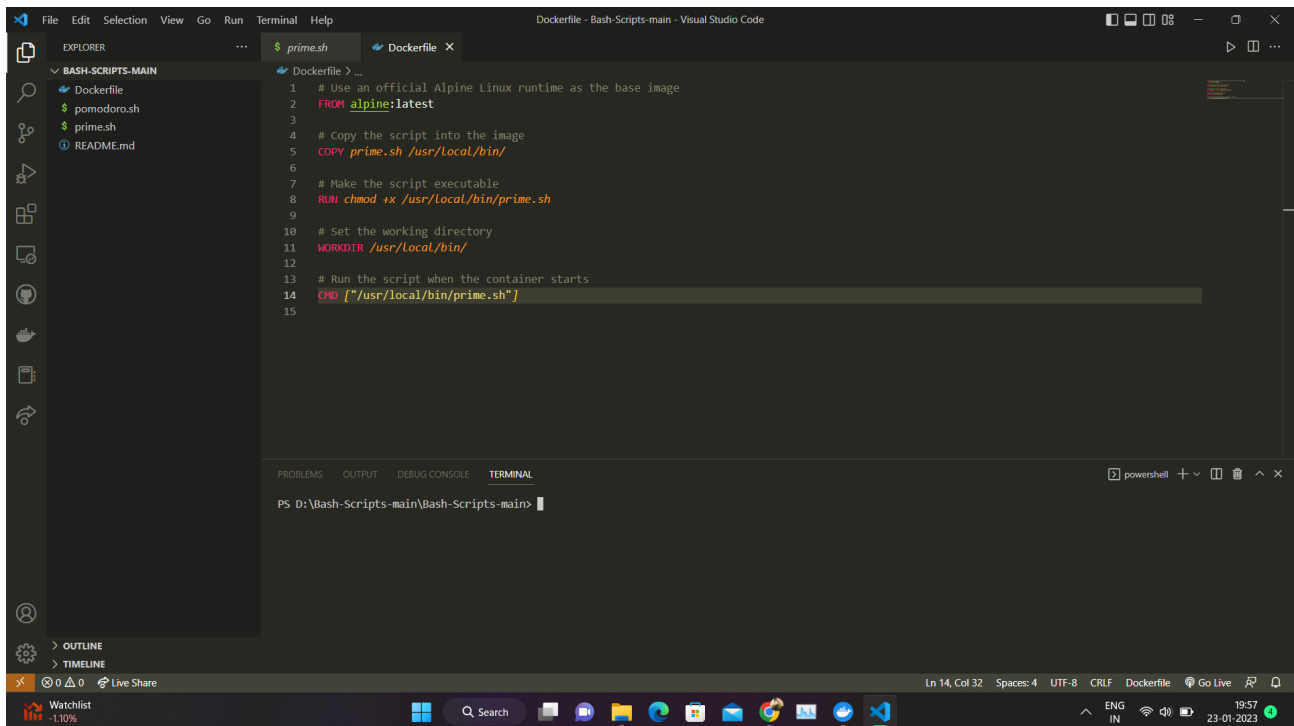# Assignment 09

Ques 1: Create a container for the below bash script(**prime.sh**).
1. Create a Dockerfile
2. Create a Docker Image

Find the script from here https://github.com/DARK-art108/Bash-Scripts

Here i have created docker file for prime.sh and create a docker image also

Dockerfile - Bash-Scripts-main - Visual Studio Code

EXPLORER

BASH-SCRIPTS-MAIN
- Dockerfile
- pomodoro.sh
- prime.sh
- README.md

Dockerfile

```
1   # Use an official Alpine Linux runtime as the base image
2   FROM alpine:latest
3
4   # Copy the script into the image
5   COPY prime.sh /usr/local/bin/
6
7   # Make the script executable
8   RUN chmod +x /usr/local/bin/prime.sh
9
10  # Set the working directory
11  WORKDIR /usr/local/bin/
12
13  # Run the script when the container starts
14  CMD ["/usr/local/bin/prime.sh"]
15
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
PS D:\Bash-Scripts-main\Bash-Scripts-main> docker build -t prime:latest .
[+] Building 4.8s (10/10) FINISHED
 => [internal] load build definition from Dockerfile                          0.1s
 => => transferring dockerfile: 389B                                          0.0s
 => [internal] load .dockerignore                                            0.0s
 => => transferring context: 2B                                              0.0s
 => [internal] load metadata for docker.io/library/alpine:latest            3.3s
 => [auth] library/alpine:pull token for registry-1.docker.io               0.0s
 => [internal] load build context                                           0.0s
 => => transferring context: 257B                                            0.0s
 => CACHED [1/4] FROM docker.io/library/alpine:latest@sha256:f271e74b17ced29b915d351685fd4644785c6d1559dd1f2d4189a5e851ef753a  0.0s
 => [2/4] COPY prime.sh /usr/local/bin/                                      0.0s
 => [3/4] RUN chmod +x /usr/local/bin/prime.sh                              0.9s
```

Ln 14, Col 32   Spaces: 4   UTF-8   CRLF   Dockerfile   Go Live

---

Docker Desktop   Update to latest   Search   Ctrl+K   cosmi...

Containers

Images

Volumes

Dev Environments BETA

Extensions

Add Extensions

Images Give feedback

An image is a read-only template with instructions for creating a Docker container. Learn more

Local   Hub

0 Bytes / 144.98 MB in use   4 images   Last refresh: about 1 hour ago

Name	Tag	Status	Created	Size	Actions
prime 13b840792877	latest	Unused	less than a minute a	7.05 MB	▶ ⋮ 🗑
flask-example c7554547e0f4	latest	Unused	35 minutes ago	947.86 MB	▶ ⋮ 🗑
ritesh2000/randomimage 8bca4cba3874	0.0.1	Unused	16 days ago	10.15 MB	▶ ⋮ 🗑
ubuntu b6f507652425	16.04	Unused	over 1 year ago	134.82 MB	▶ ⋮ 🗑

Showing 4 items

RAM 3.04 GB   CPU 0.53%   Connected to Hub   v4.16.1

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