

Name :- Rushikesh Anil Mashidkar

Email Id :- rishikeshmashidkar@gmail.com

Note :- The answer is in bullets (➔)

Assignment-09 : Create a Dockerfile

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

1. Create a Dockerfile
2. Create a Docker Image



Dockerfile :-

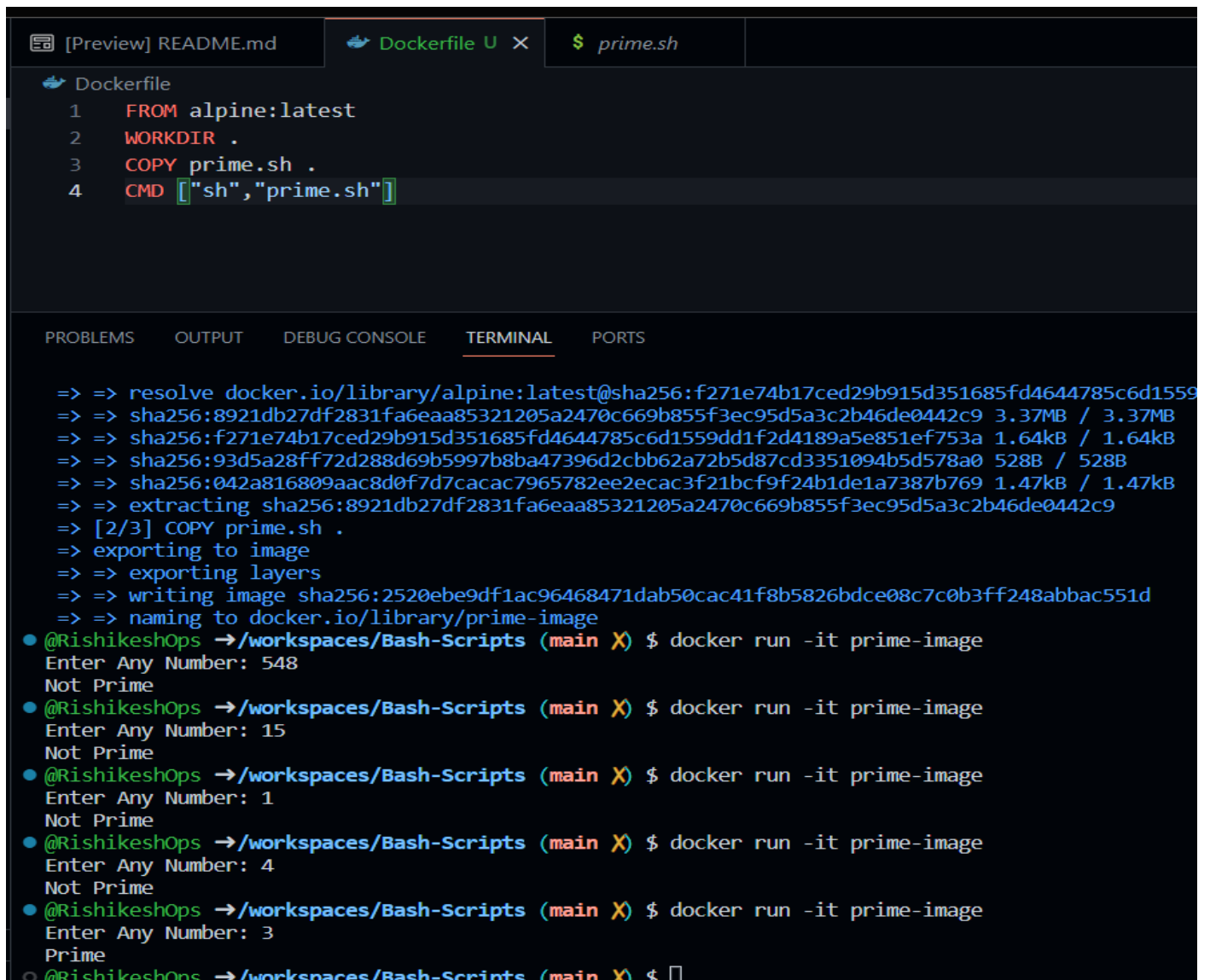
FROM alpine:latest

WORKDIR .

COPY prime.sh .

CMD ["sh","prime.sh"]

Docker Image :- Output :



The screenshot shows a code editor with three tabs: [Preview] README.md, Dockerfile U X, and \$ prime.sh. The Dockerfile tab is active, displaying the following content:

```
1 FROM alpine:latest
2 WORKDIR .
3 COPY prime.sh .
4 CMD ["sh","prime.sh"]
```

Below the code editor is a terminal window with tabs: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, and PORTS. The terminal output shows the process of building the Docker image and running it multiple times:

```
=> => resolve docker.io/library/alpine:latest@sha256:f271e74b17ced29b915d351685fd4644785c6d1559
=> => sha256:8921db27df2831fa6eaa85321205a2470c669b855f3ec95d5a3c2b46de0442c9 3.37MB / 3.37MB
=> => sha256:f271e74b17ced29b915d351685fd4644785c6d1559dd1f2d4189a5e851ef753a 1.64kB / 1.64kB
=> => sha256:93d5a28ff72d288d69b5997b8ba47396d2cbb62a72b5d87cd3351094b5d578a0 528B / 528B
=> => sha256:042a816809aac8d0f7d7cacac7965782ee2ecac3f21bcf9f24b1de1a7387b769 1.47kB / 1.47kB
=> => extracting sha256:8921db27df2831fa6eaa85321205a2470c669b855f3ec95d5a3c2b46de0442c9
=> [2/3] COPY prime.sh .
=> exporting to image
=> => exporting layers
=> => writing image sha256:2520ebe9df1ac96468471dab50cac41f8b5826bdce08c7c0b3ff248abbac551d
=> => naming to docker.io/library/prime-image
● @RishikeshOps →/workspaces/Bash-Scripts (main X) $ docker run -it prime-image
Enter Any Number: 548
Not Prime
● @RishikeshOps →/workspaces/Bash-Scripts (main X) $ docker run -it prime-image
Enter Any Number: 15
Not Prime
● @RishikeshOps →/workspaces/Bash-Scripts (main X) $ docker run -it prime-image
Enter Any Number: 1
Not Prime
● @RishikeshOps →/workspaces/Bash-Scripts (main X) $ docker run -it prime-image
Enter Any Number: 4
Not Prime
● @RishikeshOps →/workspaces/Bash-Scripts (main X) $ docker run -it prime-image
Enter Any Number: 3
Prime
○ @RishikeshOps →/workspaces/Bash-Scripts (main X) $
```