

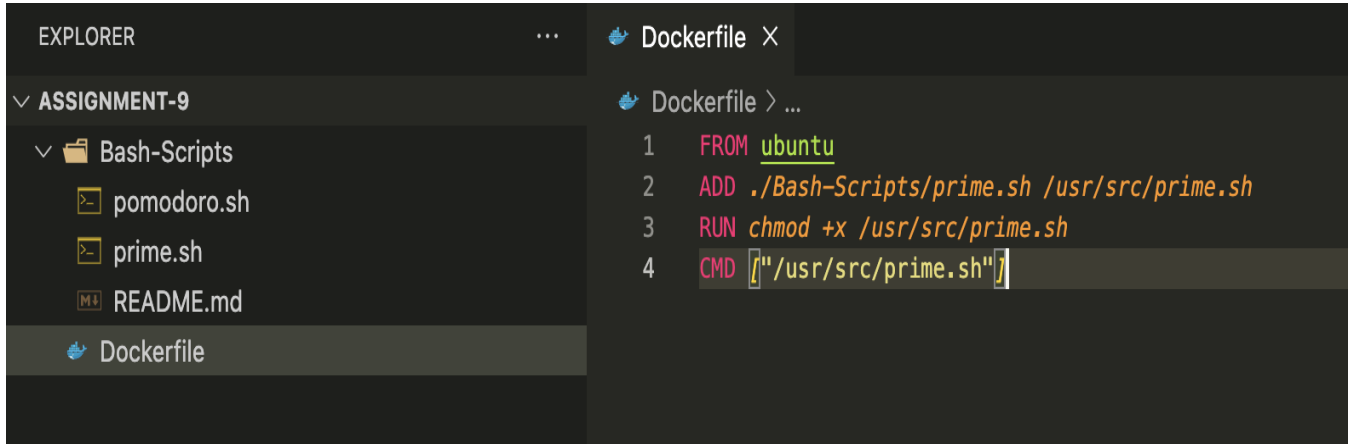
ASSIGNMENT-9

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

1. Create a Dockerfile
2. Create a Docker Image

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

Step-1: Create a DockerFile

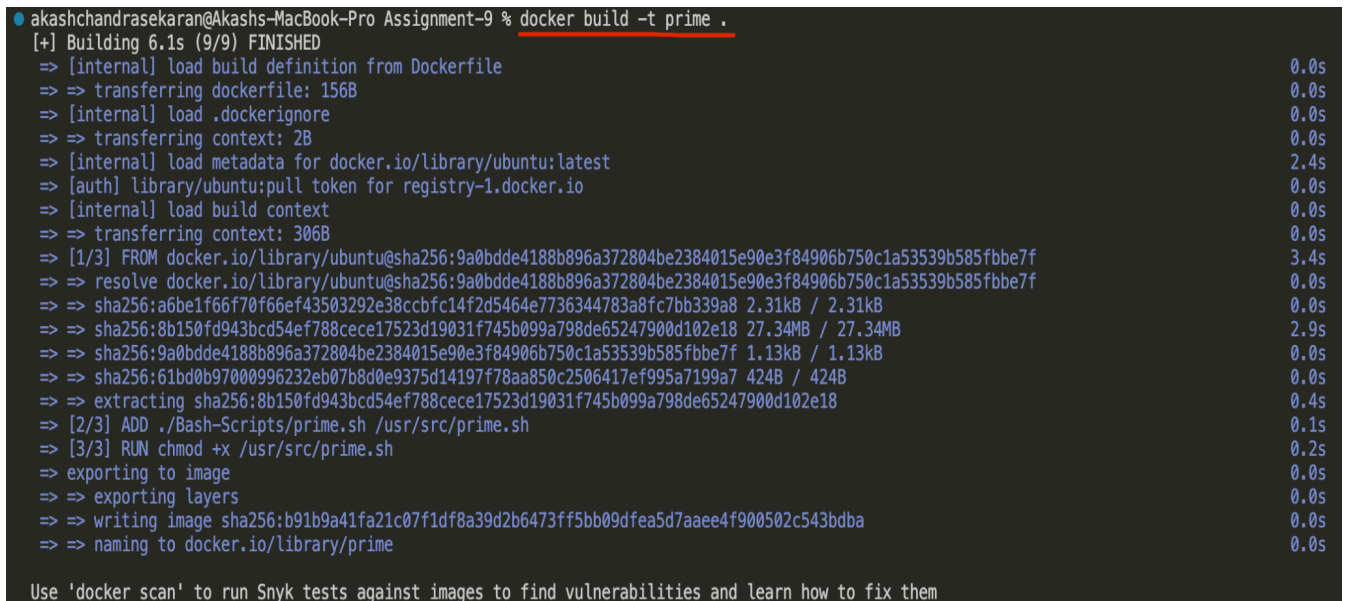


```
EXPLORER
... Dockerfile X

v ASSIGNMENT-9
  v Bash-Scripts
    pomodoro.sh
    prime.sh
    README.md
  Dockerfile

Dockerfile > ...
1 FROM ubuntu
2 ADD ./Bash-Scripts/prime.sh /usr/src/prime.sh
3 RUN chmod +x /usr/src/prime.sh
4 CMD ["/usr/src/prime.sh"]
```

Step-2: Build a Docker Image



```
akashchandrakaran@Akashs-MacBook-Pro Assignment-9 % docker build -t prime .
[+] Building 6.1s (9/9) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 156B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/ubuntu:latest 2.4s
=> [auth] library/ubuntu:pull token for registry-1.docker.io 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 306B 0.0s
=> [1/3] FROM docker.io/library/ubuntu@sha256:9a0bdde4188b896a372804be2384015e90e3f84906b750c1a53539b585fbbe7f 3.4s
=> => resolve docker.io/library/ubuntu@sha256:9a0bdde4188b896a372804be2384015e90e3f84906b750c1a53539b585fbbe7f 0.0s
=> => sha256:a6be1f66f70f66ef43503292e38ccbf14f2d5464e7736344783a8fc7bb339a8 2.31kB / 2.31kB 0.0s
=> => sha256:8b150fd943bcd54ef788cece17523d19031f745b099a798de65247900d102e18 27.34MB / 27.34MB 2.9s
=> => sha256:9a0bdde4188b896a372804be2384015e90e3f84906b750c1a53539b585fbbe7f 1.13kB / 1.13kB 0.0s
=> => sha256:61bd0b97000996232eb07b8d0e9375d14197f78aa850c2506417ef995a7199a7 424B / 424B 0.0s
=> => extracting sha256:8b150fd943bcd54ef788cece17523d19031f745b099a798de65247900d102e18 0.4s
=> [2/3] ADD ./Bash-Scripts/prime.sh /usr/src/prime.sh 0.1s
=> [3/3] RUN chmod +x /usr/src/prime.sh 0.2s
=> exporting to image 0.0s
=> => exporting layers 0.0s
=> => writing image sha256:b91b9a41fa21c07f1df8a39d2b6473ff5bb09dfea5d7aaee4f900502c543bdba 0.0s
=> => naming to docker.io/library/prime 0.0s







Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
```

Step-3: Run the Docker Image

Result:

```
● akashchandrasedkaran@Akashs-MacBook-Pro Assignment-9 % docker run -it prime
Enter Any Number: 5
Prime
○ akashchandrasedkaran@Akashs-MacBook-Pro Assignment-9 %
```

Image:

	Name	Tag	Status	Created	Size	Actions
	prime b91b9a41fa21 	latest	In use	less than a minute a	69.18 MB	  

Container:

	 angry_blackburn 4a7de5e49e99 	prime	Exited	  
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