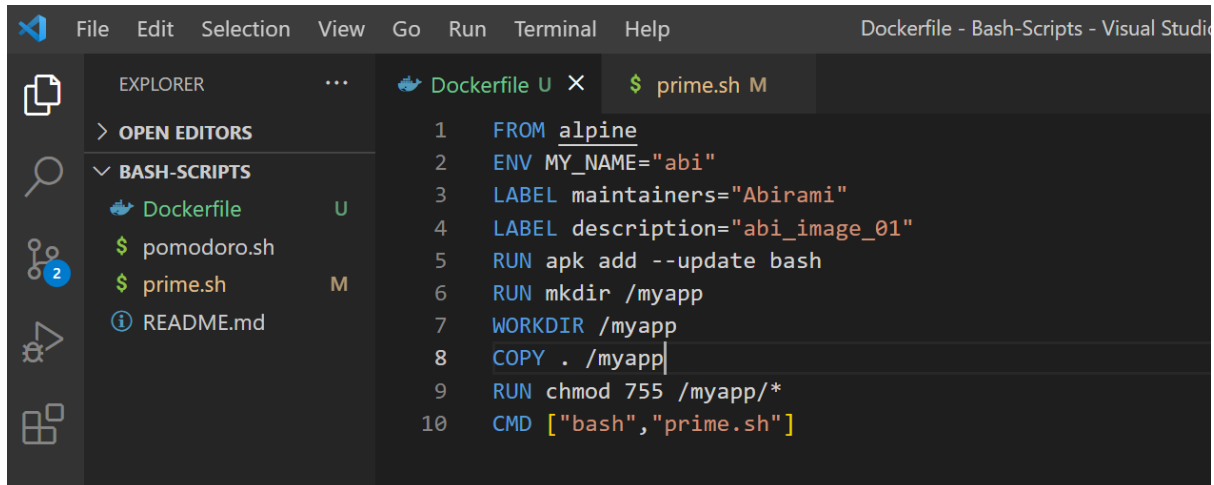


Ques 1: Create a container for the below bash script(**prime.sh**).

1. Create a Dockerfile
2. Create a Docker Image

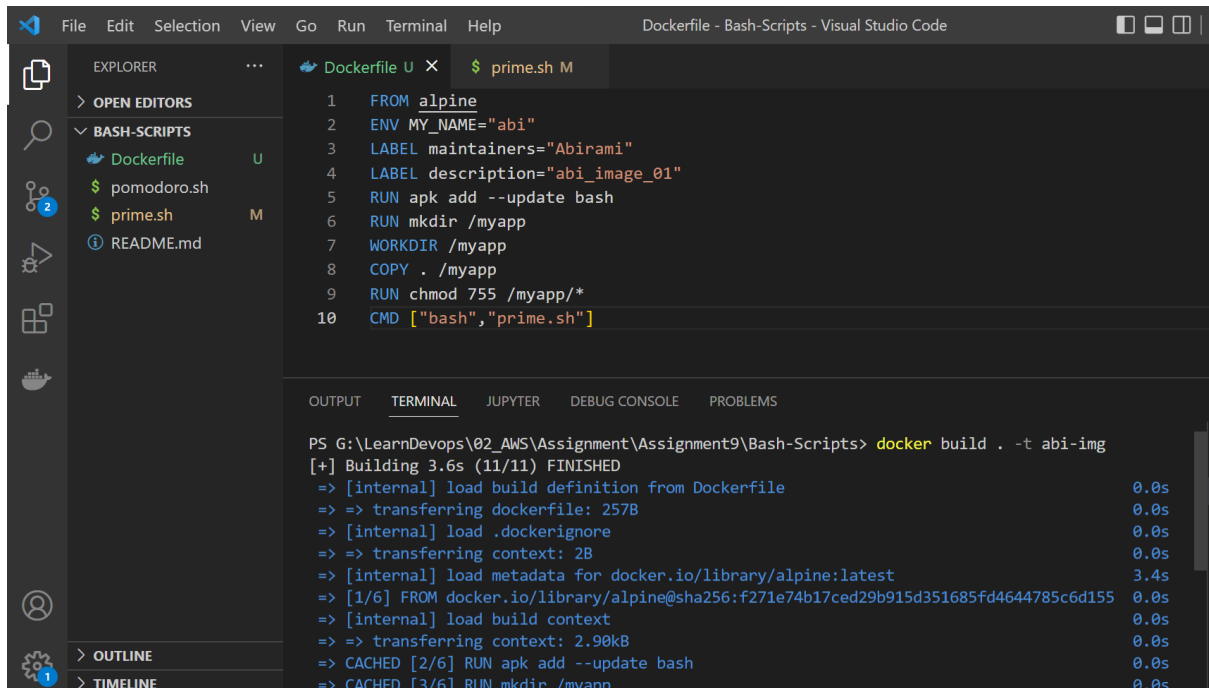
Find the script from here <https://github.com/DARK-art108/Bash-Scripts>

Create a Dockerfile

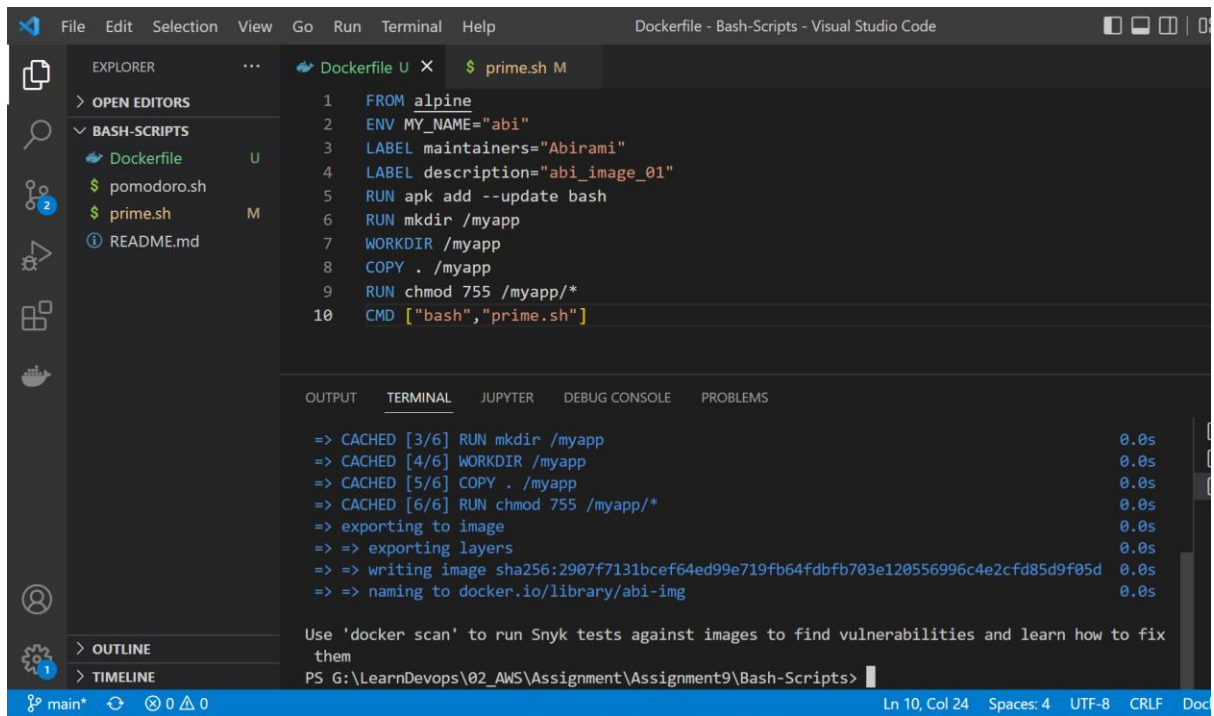


```
1 FROM alpine
2 ENV MY_NAME="abi"
3 LABEL maintainers="Abirami"
4 LABEL description="abi_image_01"
5 RUN apk add --update bash
6 RUN mkdir /myapp
7 WORKDIR /myapp
8 COPY . /myapp
9 RUN chmod 755 /myapp/*
10 CMD ["bash", "prime.sh"]
```

Create a Docker Image



```
PS G:\LearnDevops\02_AWS\Assignment\Assignment9\Bash-Scripts> docker build . -t abi-img
[+] Building 3.6s (11/11) FINISHED
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 257B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/alpine:latest 3.4s
=> [1/6] FROM docker.io/library/alpine@sha256:f271e74b17ced29b915d351685fd4644785c6d155 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 2.90kB 0.0s
=> CACHED [2/6] RUN apk add --update bash 0.0s
=> CACHED [3/6] RUN mkdir /myapp 0.0s
```



The screenshot shows the Visual Studio Code interface with a Dockerfile open in the editor. The Dockerfile contains the following instructions:

```
1 FROM alpine
2 ENV MY_NAME="abi"
3 LABEL maintainers="Abirami"
4 LABEL description="abi_image_01"
5 RUN apk add --update bash
6 RUN mkdir /myapp
7 WORKDIR /myapp
8 COPY . /myapp
9 RUN chmod 755 /myapp/*
10 CMD ["bash", "prime.sh"]
```

The terminal output shows the build process:

```
=> CACHED [3/6] RUN mkdir /myapp 0.0s
=> CACHED [4/6] WORKDIR /myapp 0.0s
=> CACHED [5/6] COPY . /myapp 0.0s
=> CACHED [6/6] RUN chmod 755 /myapp/* 0.0s
=> exporting to image 0.0s
=> exporting layers 0.0s
=> writing image sha256:2907f7131bcef64ed99e719fb64fdbfb703e120556996c4e2cfd85d9f05d 0.0s
=> naming to docker.io/library/abi-img 0.0s
```

At the bottom, the terminal shows the command prompt: `PS G:\LearnDevops\02_AWS\Assignment\Assignment9\Bash-Scripts>`

