

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

1. Create a Dockerfile
2. Create a Docker Image
3. Push the image to the docker hub
4. Pull it and test it.

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

1. Dockerfile content

```
FROM ubuntu:latest

COPY pomodoro.sh /

RUN chmod +x /pomodoro.sh

ENTRYPOINT ["/pomodoro.sh"]
```

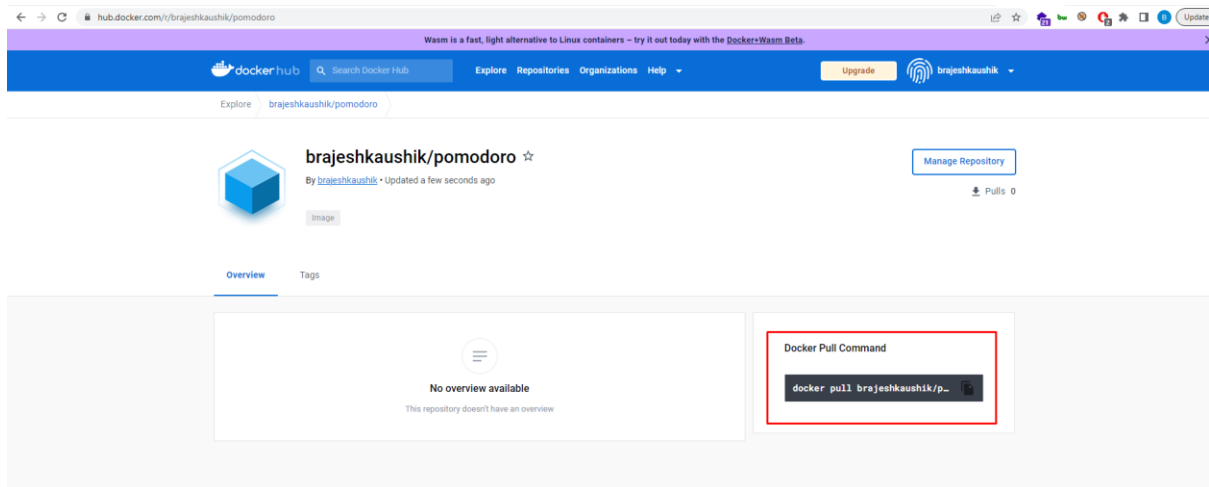
2. Building image using Dockerfile

```
ubuntu@ip-172-31-32-87:~/devops/pomodoro$ docker build . -t pomodoro
Sending build context to Docker daemon 4.608kB
Step 1/4 : FROM ubuntu:latest
----> 6b7dfa7e8fdb
Step 2/4 : COPY pomodoro.sh /
----> cb7754903a20
Step 3/4 : RUN chmod +x /pomodoro.sh
----> Running in aac22e5376c3
Removing intermediate container aac22e5376c3
----> 75c9f48522ef
Step 4/4 : ENTRYPOINT ["/pomodoro.sh"]
```

3. Pushing image to Docker hub

```
ubuntu@ip-172-31-32-87:~/devops/pomodoro$ docker tag pomodoro:latest brajeshkaushik/pomodoro:latest
ubuntu@ip-172-31-32-87:~/devops/pomodoro$ docker push brajeshkaushik/pomodoro:latest
The push refers to repository [docker.io/brajeshkaushik/pomodoro]
2f0f8a528002: Pushed
6515074984c6: Mounted from library/ubuntu
latest: digest: sha256:c01f08556000c9d8a6fc80bd786d3a9577d54db5ebc05e572ba1533211089548 size: 943
```

4. Dockerhub content



5. Pulling image from dockerhub

```
ubuntu@ip-172-31-32-87:~/devops$ docker pull brajeshkaushik/pomodoro
Using default tag: latest
latest: Pulling from brajeshkaushik/pomodoro
Digest: sha256:c01f08556000c9d8a6fc80bd786d3a9577d54db5ebc05e572ba1533211089548
Status: Image is up to date for brajeshkaushik/pomodoro:latest
docker.io/brajeshkaushik/pomodoro:latest
```

6. Creating and running container

```
ubuntu@ip-172-31-32-87:~/devops$ docker run -it brajeshkaushik/pomodoro 1 1
00:00:57
00:00:55
00:00:53
00:00:50
```