

ASSIGNMENT – 10

CREATE A CONTAINER FOR BASH SCRIPT

1. Create a Dockerfile and image

```
Activities Visual Studio Code Mar 1 20:50 Dockerfile - Bash-Scripts - Visual Studio Code
```

File Edit Selection View Go Run Terminal Help

EXPLORER

- OPEN EDITORS 1 unsaved
 - prime.sh
 - pomodoro.sh
 - Dockerfile u
- BASH-SCRIPTS
 - Dockerfile u
 - pomodoro.sh
 - prime.sh
 - README.md

Dockerfile > ...

```
1 FROM alpine
2
3 COPY pomodoro.sh /usr/local/bin/
4
5 RUN chmod +x /usr/local/bin/pomodoro.sh
6
7 ENTRYPOINT ["/usr/local/bin/pomodoro.sh"]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
[+] Building 8.1s (8/8) FINISH=
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 168B 0.0s
=> [internal] load metadata for docker.io/library/alpine:latest 7.7s
=> [internal] load build context 0.0s
=> => transferring context: 1.86kB 0.0s
=> CACHED [1/3] FROM docker.io/library/alpine@sha256:69665d02cb32192e52e07644d76bc6f25abeb5410edc1c7a81a10ba3f0ef 0.0s
=> [2/3] COPY pomodoro.sh /usr/local/bin/ 0.0s
=> [3/3] RUN chmod +x /usr/local/bin/pomodoro.sh 0.4s
=> exporting to image 0.0s
=> => exporting layers 0.0s
```

main* Ln 7, Col 42 Spaces: 4 UTF-8 LF Dockerfile

2. Pushing the image to the Docker hub

```
Activities Visual Studio Code Mar 1 20:49 Dockerfile - Bash-Scripts - Visual Studio Code
```

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Dockerfile > ...

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```

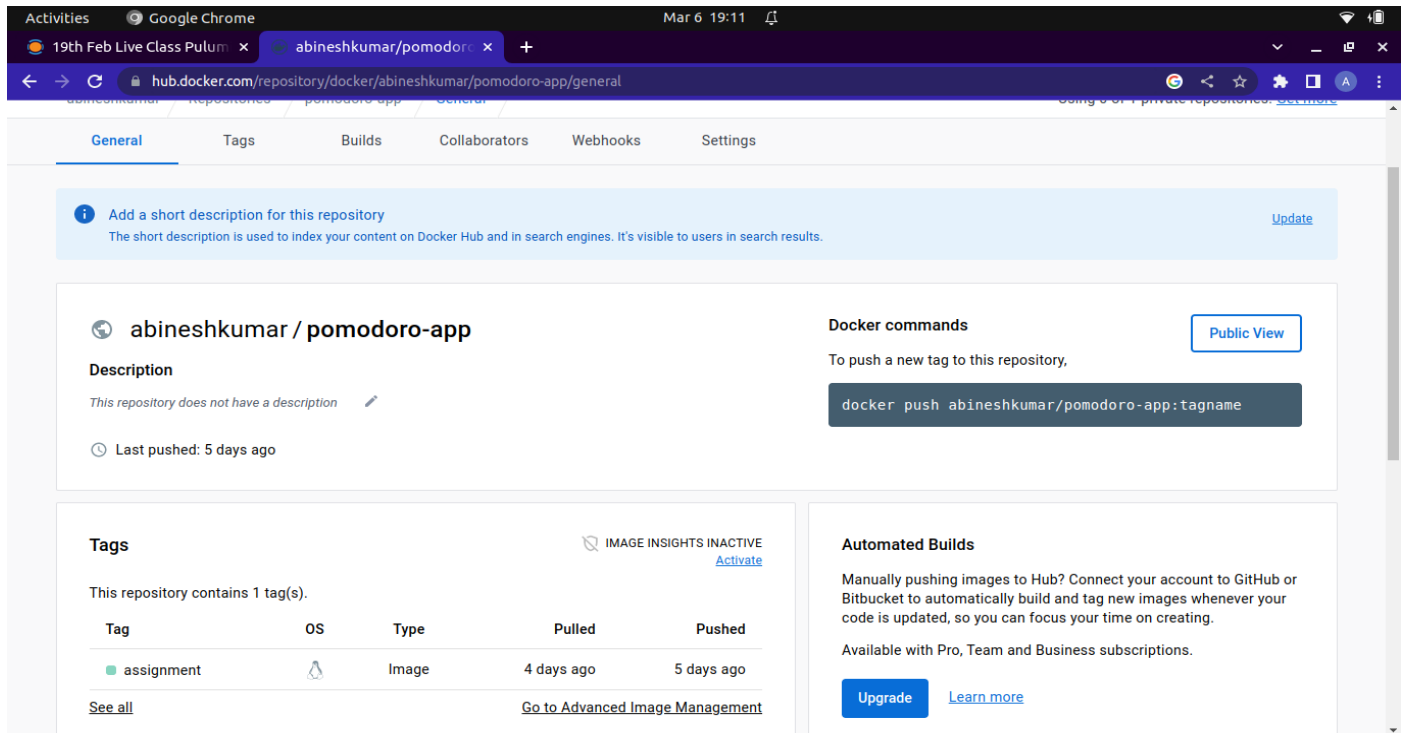
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/accesstokens/

ab1@abi X555LAB: /Desktop/Bash Scripts$ sudo docker tag pomodoro abineshkumar/pomodoro-app:assignment
ab1@abi X555LAB: /Desktop/Bash Scripts$ sudo docker push abineshkumar/pomodoro-app:assignment
The push refers to repository [docker.io/abineshkumar/pomodoro-app]
5b3f304ee8d6: Pushed
52e82ac7aded: Pushed
7cd52847ad77: Mounted from library/alpine
assignment: digest: sha256:b105ca9e7f1b3ada9182e40b47eb5965cfb405c61ef0c587fcf76b5bcc17b787 size: 942
ab1@abi X555LAB: /Desktop/Bash Scripts$
```

main* Ln 7, Col 42 Spaces: 4 UTF-8 LF Dockerfile



3. Pulling the image from Docker hub

