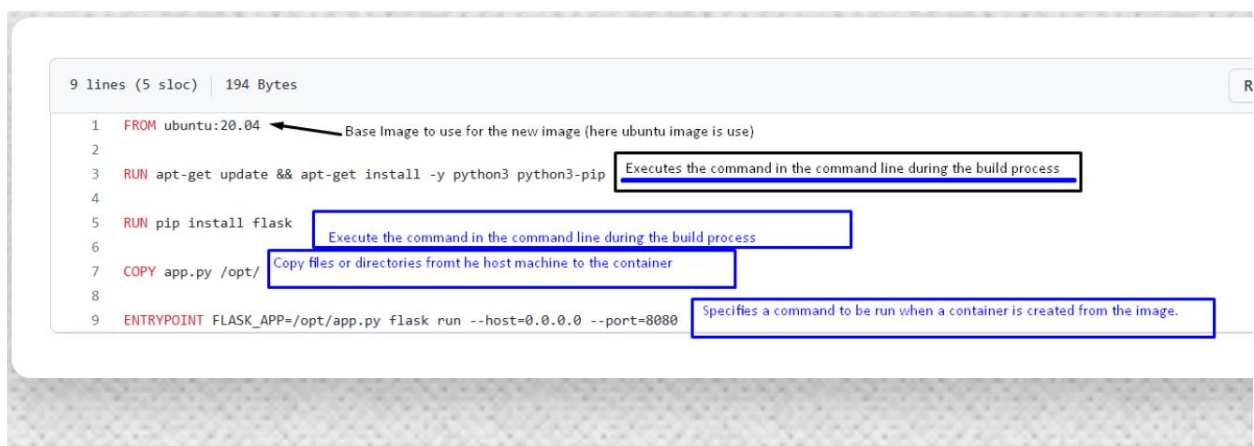


## Assignment – 15

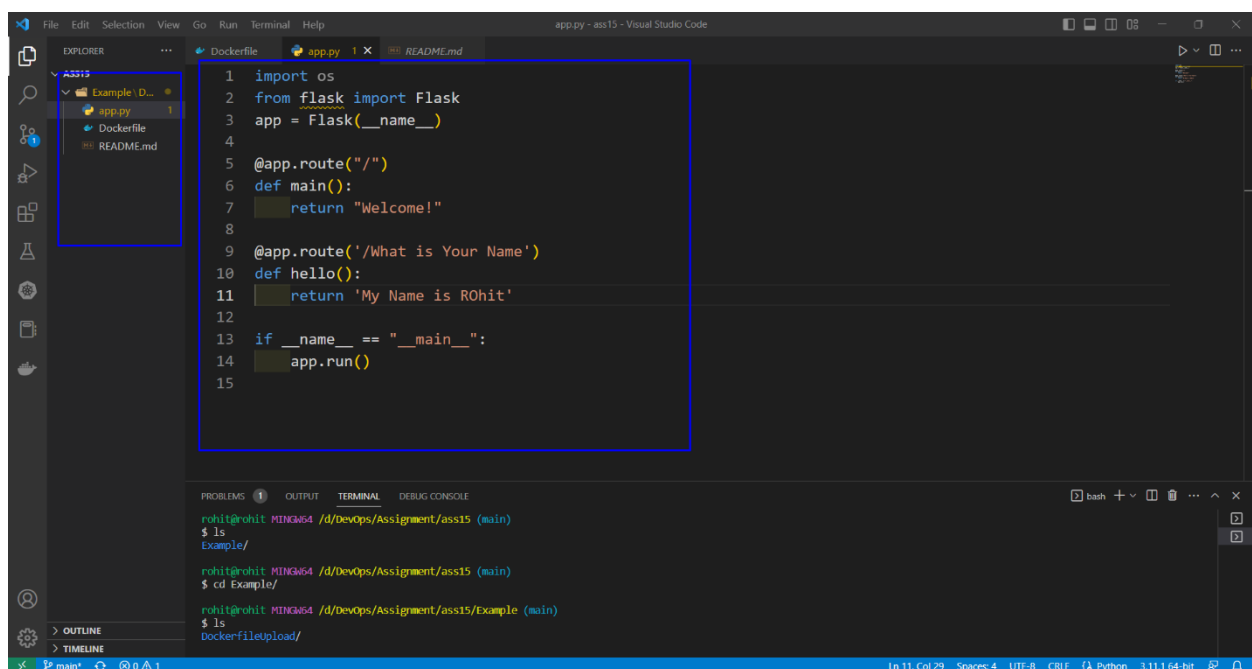
### 1. Follow Up the Instruction mentioned in the Below link and raise a new Pull Request with all the changes.

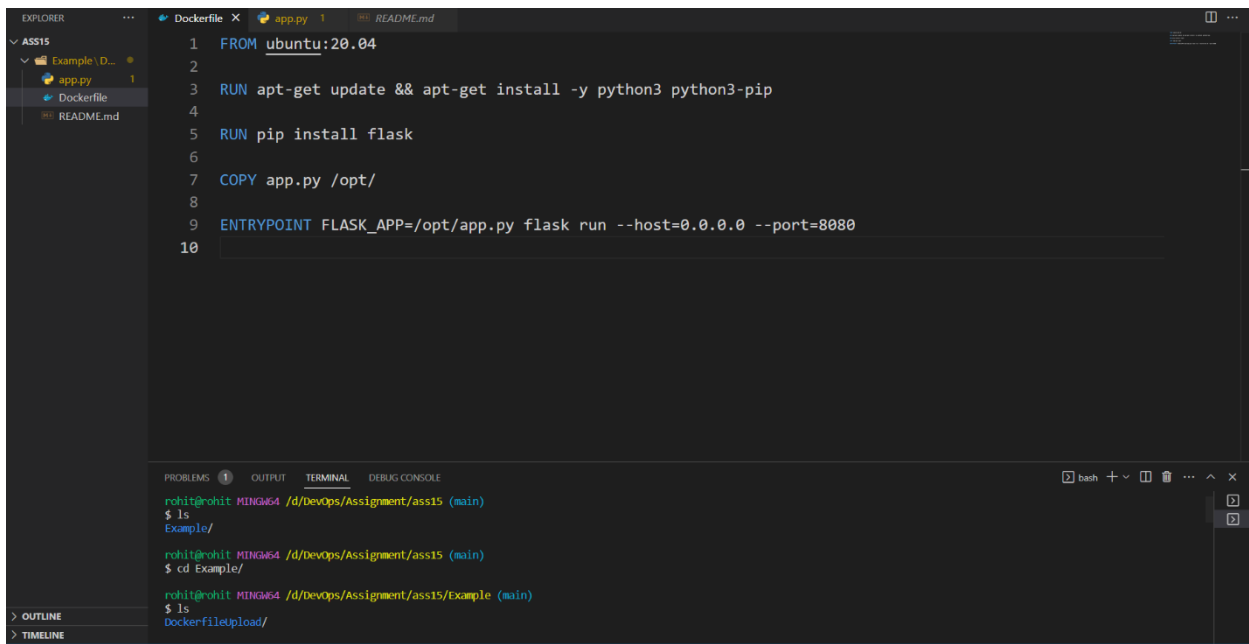
Below is a small flask app with a Dockerfile your task is to explain the Dockerfile and then make a change in the app.py file and change your name in “My name is \_\_\_\_” string, then create a Docker Image and push it to docker hub. After building that docker image your name should be shown at that place. For a successful submission share docker hub link and a screenshot to the webpage.

Find the code from here: <https://github.com/DARK-art108/Dockerfile-Assignment>



[rohityj/assignment-15 - Docker Image | Docker Hub](#)





The screenshot shows a Visual Studio Code editor with a file explorer on the left showing a project named 'ASS15' containing 'app.py', 'Dockerfile', and 'README.md'. The main editor displays the content of 'Dockerfile' with the following code:

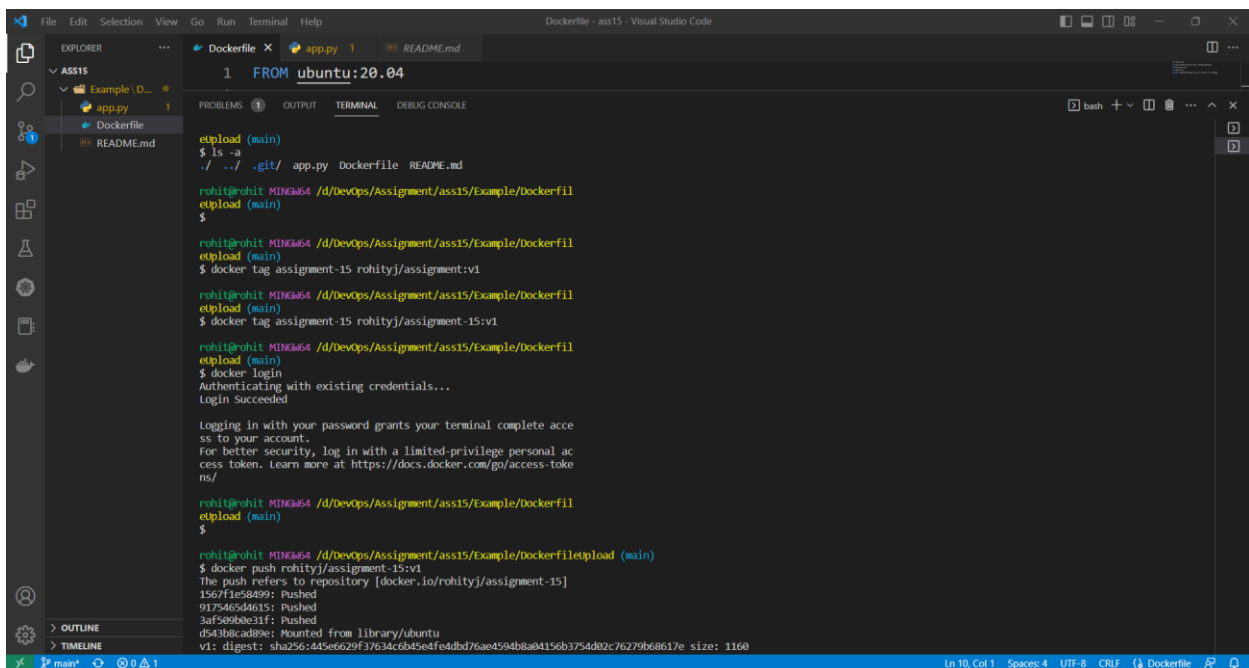
```
1 FROM ubuntu:20.04
2
3 RUN apt-get update && apt-get install -y python3 python3-pip
4
5 RUN pip install flask
6
7 COPY app.py /opt/
8
9 ENTRYPOINT FLASK_APP=/opt/app.py flask run --host=0.0.0.0 --port=8080
10
```

Below the editor, the 'TERMINAL' tab shows the following commands and output:

```
rohit@rohit MINGW64 /d/DevOps/Assignment/ass15 (main)
$ ls
Example/

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15 (main)
$ cd Example/

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example (main)
$ ls
DockerfileUpload/
```



The screenshot shows the same VS Code editor with the 'Dockerfile' content. The 'TERMINAL' tab now shows the following commands and output:

```
etupload (main)
$ ls -la
./ ../.git/ app.py Dockerfile README.md

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$ docker tag assignment-15 rohitj/assignment:v1

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$ docker tag assignment-15 rohitj/assignment-15:v1

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$ docker login
Authenticating with existing credentials...
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/access-tokens/

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$

rohit@rohit MINGW64 /d/DevOps/Assignment/ass15/Example/Dockerfile
etupload (main)
$ docker push rohitj/assignment-15:v1
The push refers to repository [docker.io/rohitj/assignment-15]
1567f1e58499: Pushed
9175465d4615: Pushed
3af50900e31f: Pushed
d543b8e4ad0e: Mounted from library/ubuntu
v1: digest: sha256:445e6629f37634c6b45e4f6d4dbd76ae4594b8a04156b3754d82c76279b68617e size: 1160
```

To get more help with docker, check out our guides at <https://docs.docker.com/go/guides/>

```
PS D:\DevOps\Assignment\ass15\Example\DockerLocal> docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS        NAMES
cb80db221e06   assignment-15:latest                "/bin/sh -c 'FLASK_A..." 13 seconds ago Up 11 seconds      assignment-15
ea993c9364e1   eb9dc0ce3f38                        "/bin/sh -c 'FLASK_A..." 20 minutes ago Up 20 minutes      laughing_lewin
PS D:\DevOps\Assignment\ass15\Example\DockerLocal> ls
PS D:\DevOps\Assignment\ass15\Example\DockerLocal> █
```

