

### Assignment -4



Assignment Date	29 octobar 2022
Student Name	Ganesh Kumar
Student Roll Number	812019205009
Maximum Marks	2 Marks

#### Question 1:

Pull an Image from docker hub and run it in docker playground.

00:40:00

CLOSE SESSION

Instances  

+ ADD NEW INSTANCE

192.168.0.18  
node1


cdjps1v9\_cdjsnde3tccg00d5v69g

IP  
192.168.0.18 


OPEN PORT

Memory  
1.23% (49.26MiB / 3.906GiB)

CPU  
0.63%

SSH  
ssh ip172-18-0-46-cdjps1v91rrg00fv707g@direct.labs.play-v 

DELETE

 EDITOR

```
[node1] (local) root@192.168.0.18 ~
$ docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:e18f0a777aefabe047a671ab3ec3eed05414477c951ab1a6f352a06974245fe7
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest
[node1] (local) root@192.168.0.18 ~
$
```

#### Question 2:

Create a docker file for the job portal application and deploy it in Docker desktop application.

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'DEMO APP' with files: 'static', 'templates', 'homepage.html', 'demoapp.py', 'Dockerfile', and 'requirements.txt'. The 'requirements.txt' file is open in the editor, showing a single line: '1 flask'. The 'Dockerfile' file is also open, showing a single line: '1 flask'. The 'requirements.txt' file is selected in the Explorer pane. The 'TERMINAL' pane at the bottom shows the output of a 'docker push' command. The output indicates that the image 'ganeshkumar0756/firstapp' is being pushed to Docker Hub. The push is successful, and the image is now available on Docker Hub. The status bar at the bottom shows 'Ln 1, Col 6', 'Spaces: 4', 'UTF-8', 'CRLF', 'pip requirements', 'Go Live', and a bell icon.

```
requirements.txt
1 flask

Dockerfile
1 flask

requirements.txt
1 flask

53b8bfee7a0a: Pushed
5b3f1ed98915: Retrying in 1 second
6b183c62e3d7: Retrying in 3 seconds
882fd36bfd35: Retrying in 3 seconds
d1dec9917839: Retrying in 3 seconds
d38adf39e1dd: Waiting
4ed121b04368: Waiting
d9d07d703dd5: Waiting
dialing registry-1.docker.io:443 no HTTPS proxy: resolving host registry-1.docker.io: lookup registry-1.docker.io: no such host
PS E:\Demo app> docker push ganeshkumar0756/firstapp
Using default tag: latest
The push refers to repository [docker.io/ganeshkumar0756/firstapp]
4f6e29f7eeb4: Preparing
4f6e29f7eeb4: Pushed
222ccf063835: Layer already exists
6f6e69c2c592: Layer already exists
53b8bfee7a0a: Layer already exists
5b3f1ed98915: Pushed
6b183c62e3d7: Pushed
882fd36bfd35: Pushed
d1dec9917839: Pushed
d38adf39e1dd: Pushed
4ed121b04368: Pushed
d9d07d703dd5: Pushed
latest: digest: sha256:ef63c4717de04324ad3f1cd23b8925d0ffffc327c3ec1f2dff41274159c67904a size: 2844
PS E:\Demo app>
```

The screenshot shows the Docker Hub repository page for 'ganeshkumar0756 / firstapp'. The page has a blue header with the Docker Hub logo, a search bar, and navigation links: 'Explore', 'Repositories', 'Organizations', and 'Help'. The user 'ganeshkumar0756' is logged in, and there is an 'Upgrade' button. The repository page shows the 'General' tab selected, with sub-tabs for 'Tags', 'Builds', 'Collaborators', 'Webhooks', and 'Settings'. A message at the top says 'Add a short description for this repository' and 'The short description is used to index your content on Docker Hub and in search engines. It's visible to users in search results.' Below this, the repository name 'ganeshkumar0756 / firstapp' is displayed, along with a 'Description' section that says 'This repository does not have a description'. The 'Last pushed' time is '8 minutes ago'. On the right, the 'Docker commands' section shows the command 'docker push ganeshkumar0756/firstapp:tagname' and a 'Public View' button. At the bottom, there are sections for 'Tags and scans' (showing 'VULNERABILITY SCANNING - DISABLED') and 'Automated Builds' (showing 'Manually pushing images to Hub? Connect your account to GitHub or...').