DEVOPS TASK-2

1) Installation of Docker:

CODE:

sudo apt install docker.io

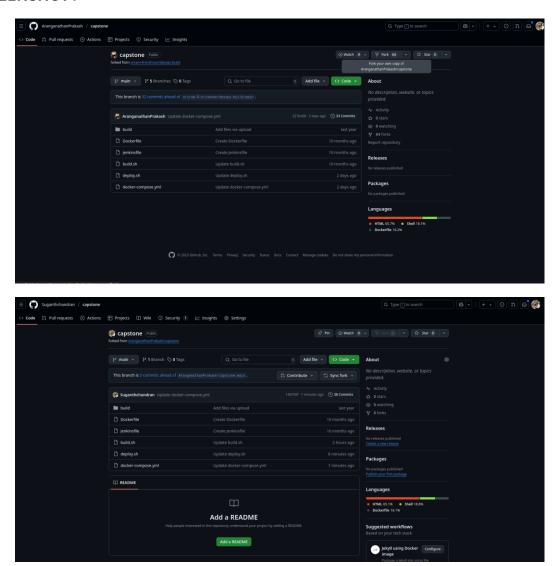
Docker –version
sudo systemctl start docker
sudo systemctl enable docker
sudo systemctl status docker

SCREENSHOT:

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root@LAPTOP-6V78H28D:-# apt install docker.io
Reading package lists... Done
Reading state inspatch on the control of the contr
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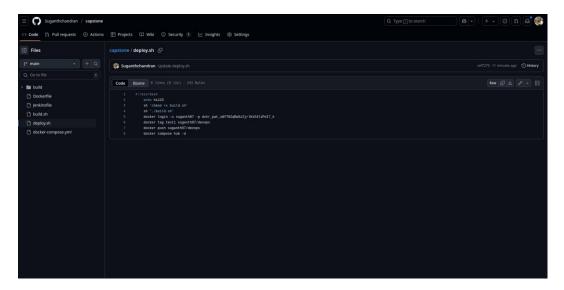
2) Fork a copy of a GitHub repo which contains the necessary files which will result in the clone of that repo in our own repository

SCREENSHOT:



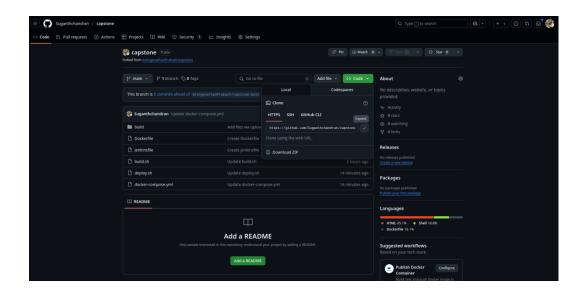
3) Then change the token and repo name of the docker Hub in the deploy.sh file which is in our repository.

SCREENSHOT:



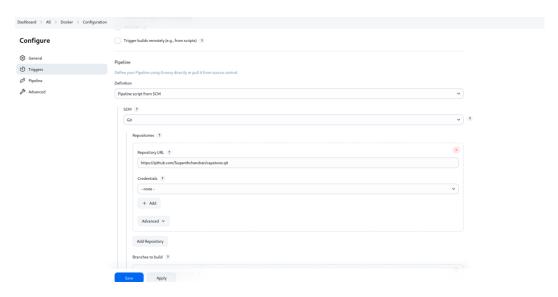
4) Then copy the GitHub link of the repository and go to Jenkins.

SCREENSHOT:



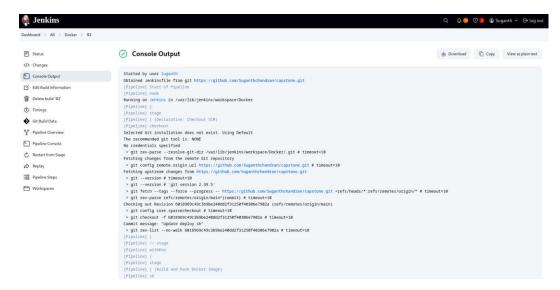
5) In Jenkins, create a new item (Job) with a type pipeline and add the copied GitHub url to it with the correct branch and Jenkinsfile.

SCREENSHOT:



6) After Creating the job, build it and it will give the console output and the docker image will be created.

SCREENSHOT:



7) Now Built this docker image in the terminal with desired port number to it.

CODE:

docker images

docker build -itd -p 70:80 test1

SCREENSHOT:

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Password:

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```

8) Go to the Browser and search for localhost:<PORT_NUMBER> and the respective application will be hosted.

SCREENSHOT:

