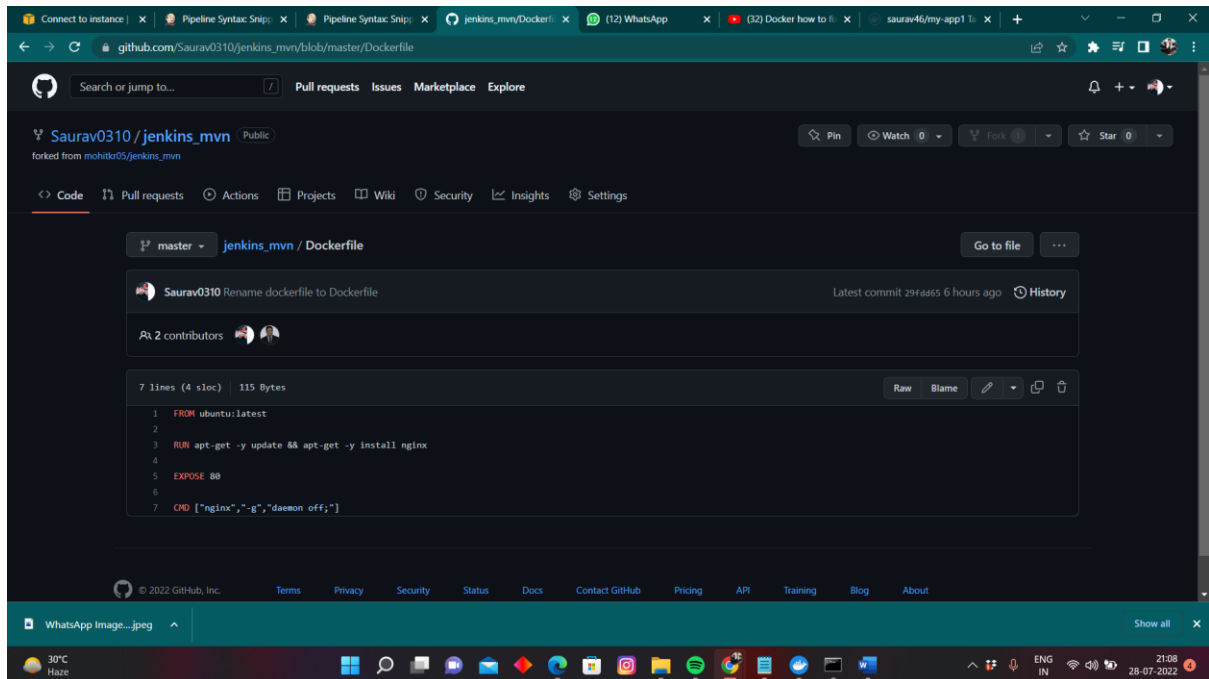
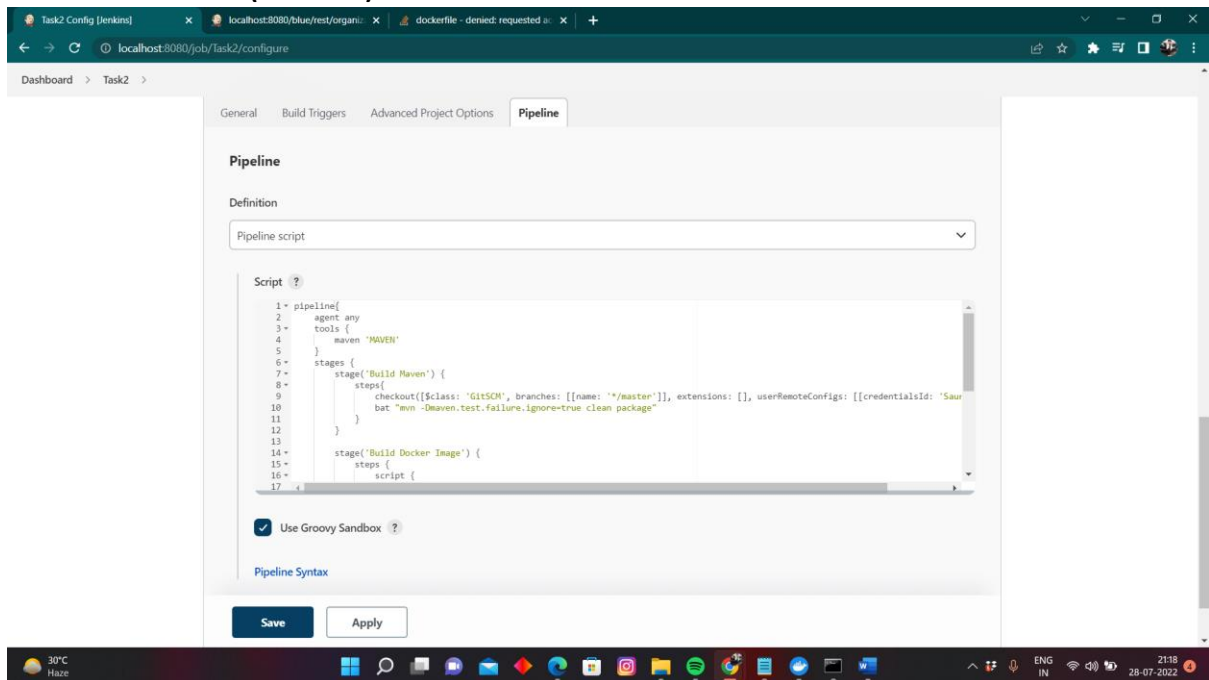


TASK OF THE WEEK

STEP 1 BUILD A DOCKERFILE . (https://github.com/mohitkr05/jenkins_mvn)



STEP 2 JENKINSFILE (PIPELINE)



TASK OF THE WEEK

STEP 3 BUILD AN IMAGE FROM DOCKERFILE AND DEPLOY IT WITH THE HELP OF JENKINS PIPELINE

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22000.795]
(c) Microsoft Corporation. All rights reserved.

C:\ProgramData\Jenkins\jenkins\workspace\Task2>docker build -t .
invalid argument "." for "-t, --tag" flag: invalid reference format
See 'docker build --help'.

C:\ProgramData\Jenkins\jenkins\workspace\Task2>docker build -t saurav46/my-app1:dockerhub .
[+] Building 0.2s (6/6) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 159B                                              0.0s
=> [internal] load .dockerignore                                                  0.1s
=> => transferring context: 2B                                                  0.0s
=> [internal] load metadata for docker.io/library/ubuntu:latest                 0.0s
=> [1/2] FROM docker.io/library/ubuntu:latest                                  0.0s
=> CACHED [2/2] RUN apt-get -y update && apt-get -y install nginx                0.0s
=> exporting to image                                                            0.0s
=> => exporting layers                                                            0.0s
=> => writing image sha256:ebfc481d37e0ddb5654c1799e4771eb2024c8565661b0aaaa5781da7ba9c40cc 0.0s
=> => naming to docker.io/saurav46/my-app1:dockerhub                          0.0s
```

STEP 4 PUSH THE DOCKER IMAGE WITH THE HELP OF JENKINS PIPELINE ON DOCKERHUB.

```
C:\ProgramData\Jenkins\jenkins\workspace\Task2>docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: saurav46
Password:
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/

C:\ProgramData\Jenkins\jenkins\workspace\Task2>docker push saurav46/my-app1:"dockerhub"
The push refers to repository [docker.io/saurav46/my-app1]
90b7d7568271: Pushed
e790f937a6ae: Mounted from library/maven
dockerhub: digest: sha256:09011e42de759253aacf9a7ca1fe3d5f8fdbcb2d0cbcf38d2c13e51db8f00012d size: 741

C:\ProgramData\Jenkins\jenkins\workspace\Task2>docker login_
```

STEP 5 CHECK ON THE DOCKER HUB IMAGE ARRIVED OR NOT.

