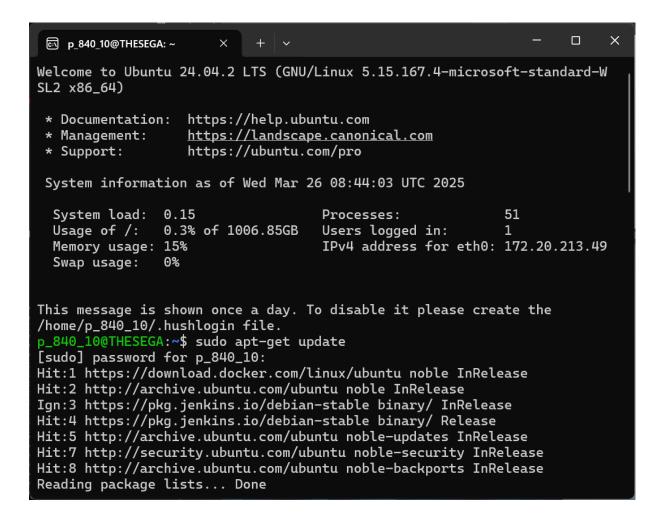
TASK 2

Name: Thesega P S

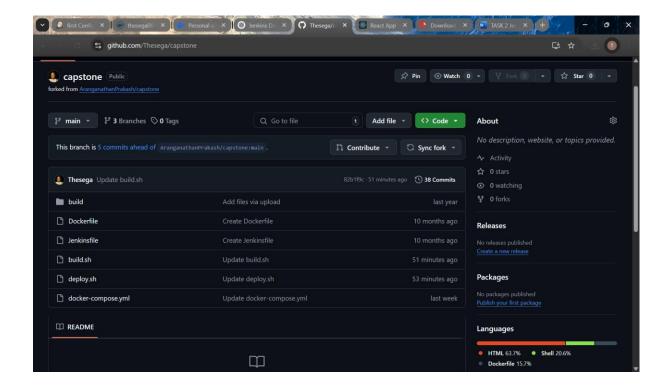
Rollno: 22CSR224

Step 1: Install docker by using the command such as

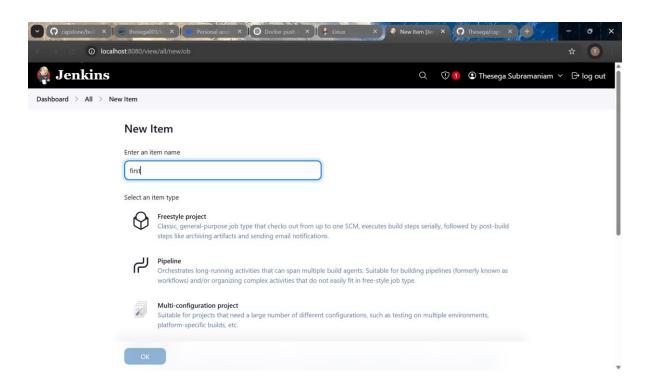
sudo apt-get update



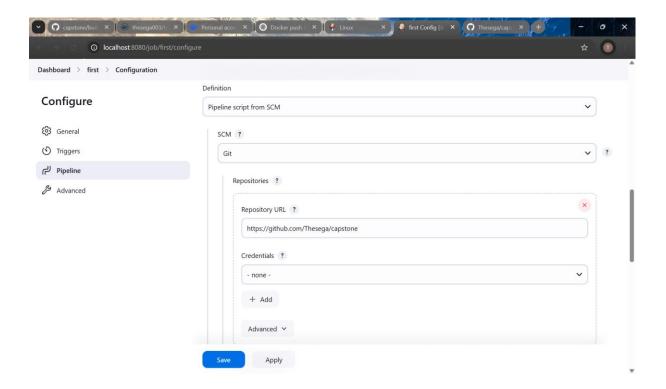
Step 2: Push the code into github



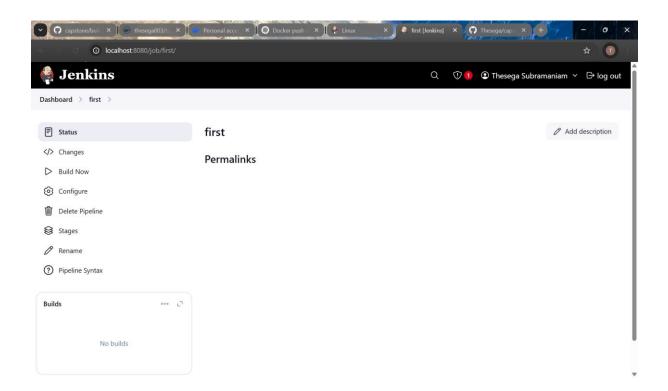
Step 3: Create a new item in Jenkins by giving an item name ad select an item type as pipeline



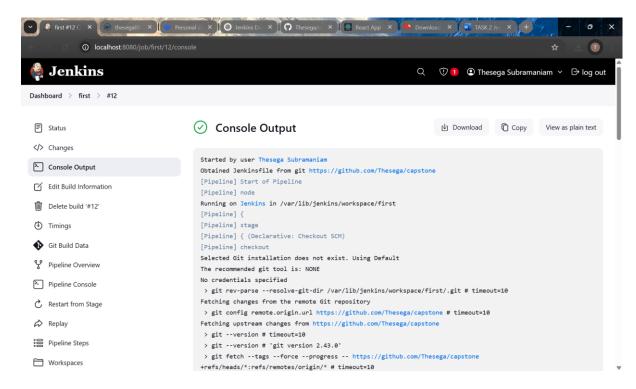
Step 4: Give the repository url and branch name and script path from github



Step 5: Give build now in dashboard, it will build the project



Step 6: Check the console output to verify whether it is builded correctly



Step 7: Run the command to see the output in localhost

```
-rw-r--r-- 1 jenkins jenkins 36 Mar 25 09:55 /var/lib/jenkins/workspace/first@2/buil
p_840_10@THESEGA:~$ chmod +x /var/lib/jenkins/workspace/first@2/build.sh
chmod: changing permissions of '/var/lib/jenkins/workspace/first@2/build.sh': Operat
ion not permitted
p_840_10@THESEGA:~$ sudo chown jenkins:jenkins /var/lib/jenkins/workspace/first@2/bu
ild.sh
p_840_10@THESEGA:~$ chmod +x /var/lib/jenkins/workspace/first@2/build.sh
chmod: changing permissions of '/var/lib/jenkins/workspace/first@2/build.sh': Operat
ion not permitted
p_840_10@THESEGA:~$ chmod 777 build.sh
chmod: cannot access 'build.sh': No such file or directory
p_840_10@THESEGA:~$ chmod 777 /var/lib/jenkins/workspace/first@2/build.sh
chmod: changing permissions of '/var/lib/jenkins/workspace/first@2/build.sh': Operat
ion not permitted
p_840_10@THESEGA:~$ sudo chmod +x /var/lib/jenkins/workspace/first@2/build.sh
p_840_10@THESEGA:~$ ls -l /var/lib/jenkins/workspace/first@2/build.sh
-rwxr-xr-x 1 jenkins jenkins 36 Mar 25 09:55 /var/lib/jenkins/workspace/first@2/buil
p_840_10@THESEGA:~$ docker images
REPOSITORY
                          TAG
                                    IMAGE ID
                                                   CREATED
test1
                          latest
                                    221435d868ed
                                                   About an hour ago
                                                                       195MB
                                                   About an hour ago
test
                          latest
                                    221435d868ed
                                                                       195MB
thesega003/task_jenkins
                                                   About an hour ago
                          latest
                                    221435d868ed
                                                                       195MB
                                                   30 hours ago
                                                                       192MB
thesega003/first_repo
                                    574f39c6a4cd
                          latest
thesega003/task2
                                    574f39c6a4cd
                                                   30 hours ago
                                                                       192MB
                          latest
p_840_10@THESEGA:~$ docker run -itd -p 70:80 test1
```

Output:

