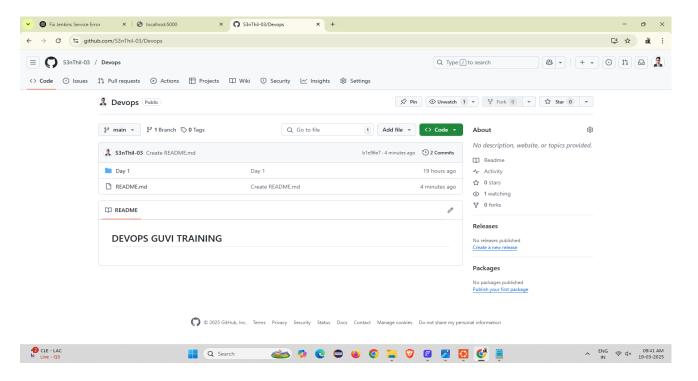
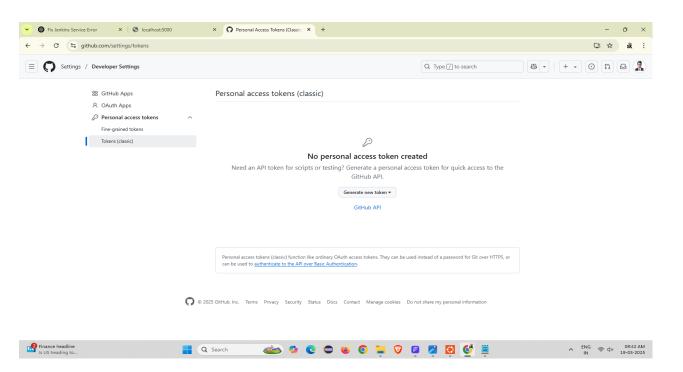
DEVOPS TRAINING

DAY 2

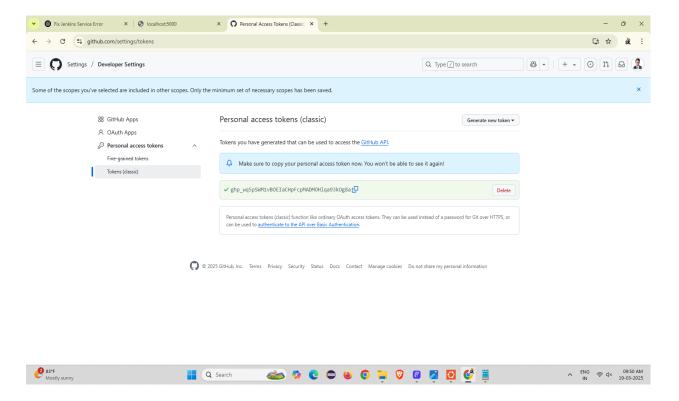
Step 1: create repository in github



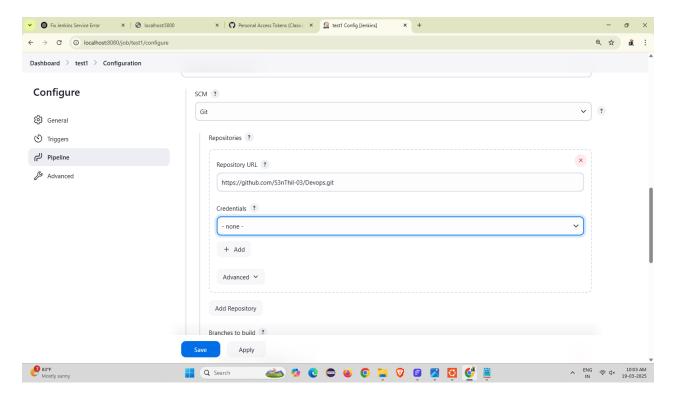
Step 2: go to developer settings



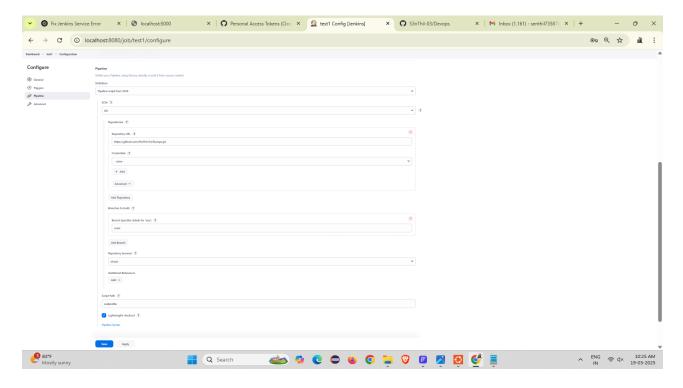
Step 3: generate and copy the token (classic)



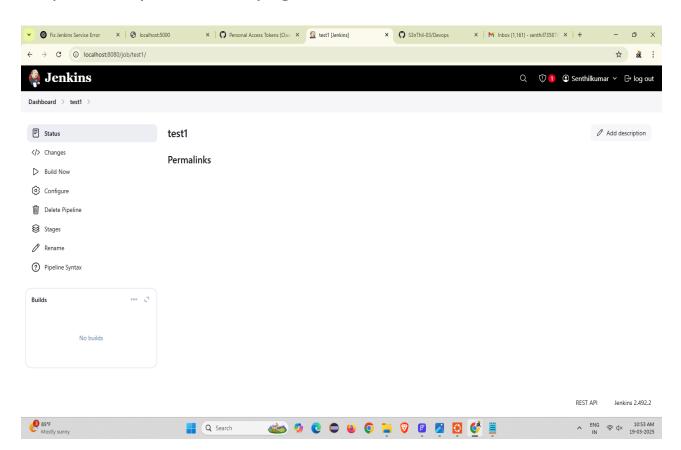
Step 4: open Jenkins and create new item and select pipeline in that go to configuration add github repository url into it



Step 5: in Jenkins configure save it



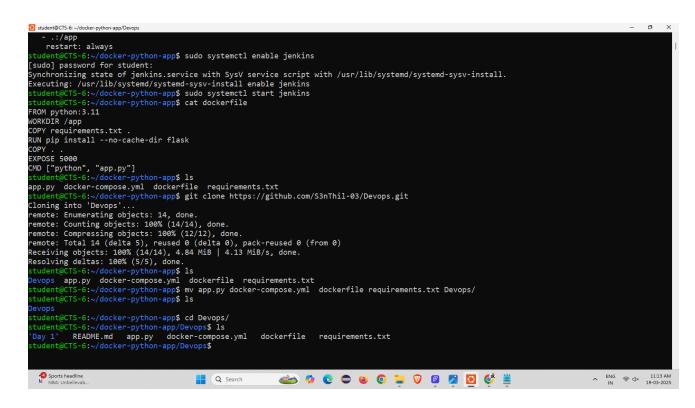
Step 6: verify the status page



Step 7: clone the git repository

```
dent@CTS-6:~/docker-py
app.py docker-compose.yml dockerfile requirements.txt
        t@CTS-6:~/docker-python-app$ cat docker-compose.yml
 /ersion: '3.8'
services:
  web:
    build: .
     ports:
          - "5000:5000"
      volumes:
    - .:/app
    restart: always
               -6:~/docker-python-app$ sudo systemctl enable jenkins
[sudo] password for student:
Synchronizing state of jenkins.service with SysV service script with /usr/lib/systemd/systemd-sysv-install. 
Executing: /usr/lib/systemd/systemd-sysv-install enable jenkins 
student@CTS-6:~/docker-python-app$ sudo systemctl start jenkins 
student@CTS-6:~/docker-python-app$ cat dockerfile
FROM python:3.11
WORKDIR /app
 COPY requirements.txt .
RUN pip install --no-cache-dir flask
COPY . .
EXPOSE 5000
CMD ["python", "app.py"]
student@CTS-6:~/docker-python-app$ ls
app.py docker-compose.yml dockerfile requirements.txt
      ent@CTS-6:~/docker-python-app$ git clone https://github.com/S3nThil-03/Devops.git_
  85°F
Mostly sunny
                                                                          🚵 🥨 C 🗢 📦 O 📜 🖁 💆 🖸 🗳 📱
```

Step 8: using cd add the repository into it

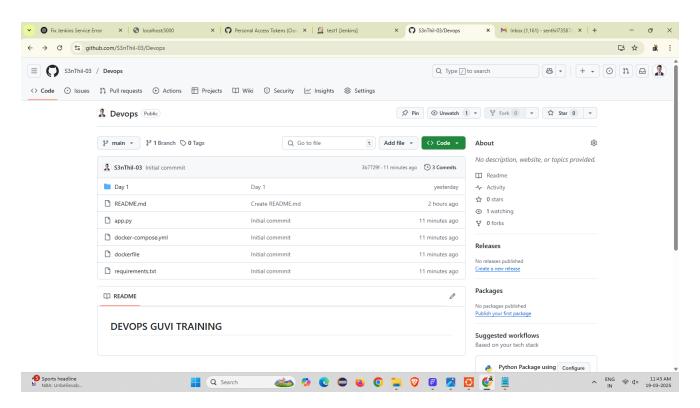


Step 9: using git push command to push all the files into github

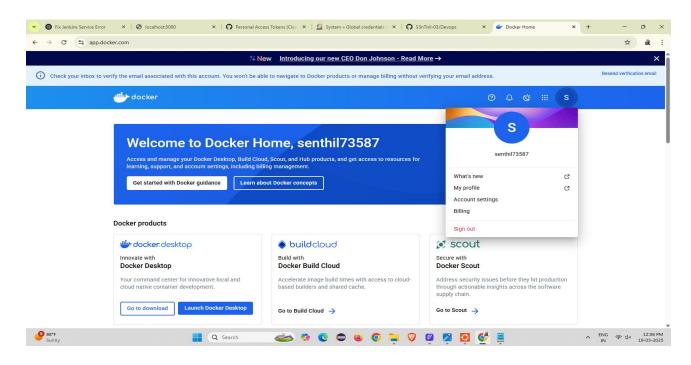
```
O x to set your account's default identity.
Out --global to set the identity only in this repository.

fatal: empty ident name (for cstudent@CTS-Cs) not allowed student@CTS-Cs) not allowed student@CTS-Cs:/docker-python-app/Devops$ git config --global user.name S3nThil-O3 student@CTS-Cs:/docker-python-app/Devops$ git config --global user.name S3nThil-O3 student@CTS-Cs:/docker-python-app/Devops$ git config --global user.name "S3nThil-O3" student@CTS-Cs:/docker-python-app/Devops$ git config --global user.name "S3nThil-O3" student@CTS-Cs:/docker-python-app/Devops$ git commit -- global user.name "S3nThil-O3" student@CTS-Cs:/docker-python-app/Devops$ git commit -- global user.name "S3nThil-O3" create mode 10004d docker-compose.yml polycompose.yml polycompose.ym
```

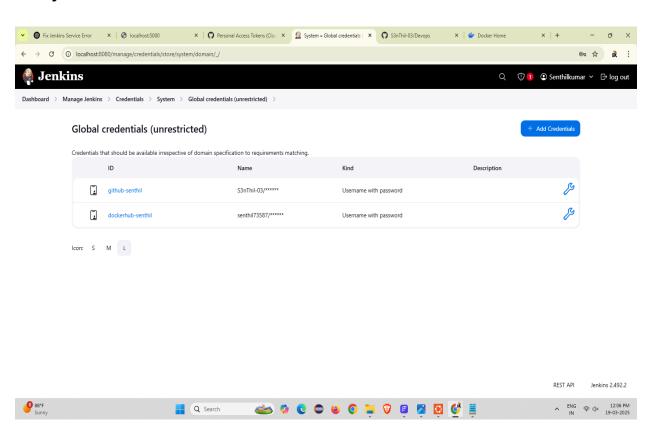
Step 10: check the docker all the files are uploaded in the github repository



Step 11: go to the docker and login in



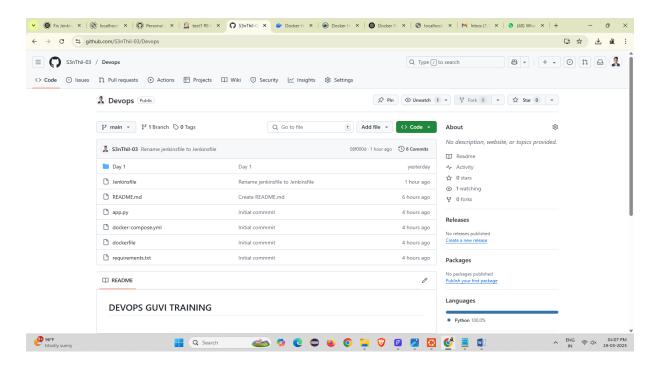
Step 12: in jenkins copy the global credentials and change in the jenkins file



Step 13: commit the jenkinsfile into github

```
Audemig(15-6://docker-python-app/Devops git push https://SanThil-03:ghp_wq5pShWlv80ETaCHpFcpMADMOHlqa93k0g8a@github.com/SanThil-03/Devops.git studemig(15-6://docker-python-app/Devops git push https://SanThil-03:ghp_wq5pShWlv80ETaCHpFcpMADMOHlqa93k0g8a@github.com/SanThil-03/Devops.git studemig(15-6://docker-python-app/Devops stano jenkinsfile studemi
```

Step 14: verify the jenkins file is pushed in the github

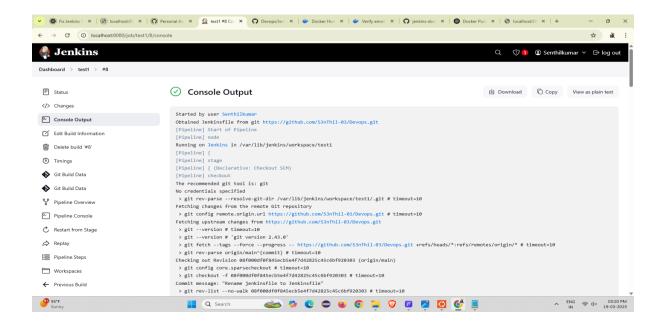


Step 15: using "sudo usermod –aG docker jenkins" and restart the jenkins

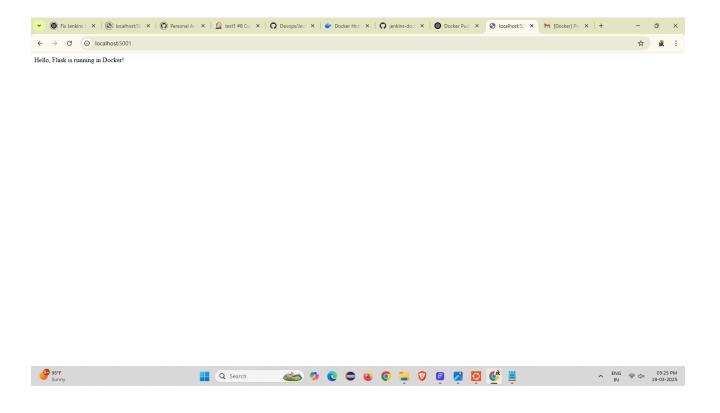
```
Day 1' READWE and app.py docker-compose.yml dockerfile jenkinsfile requirements.txt

**tudent&Cl-6:-/docker-python-app/Devops* nano jenkinsfile
**tudent&Cl-6:-/docker-python-app/Devops* git dodd
**tudent&Cl-6:-/docker-python-app/Devops* git domit -m "Second Commit"
**Initial changed, 1 insertion(-), 1 deletion(-)
**tudent&Cl-6:-/docker-python-app/Devops* git push https://sinThil-03:php_wq5pSWMY00EIaClpFcpWDMOMlqm03kOg8a@github.com/SinThil-03/Devops.git
**numerating dojects: 7, done.
**Delta compression using up to 16 threads
**Compression using up to 18 threads
```

Step 16: build the item and check the output in console output



Step 17: run the localhost:5001



Step 18: check the image repository in docker

