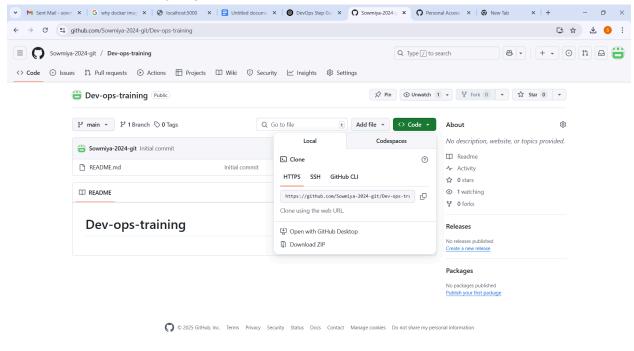
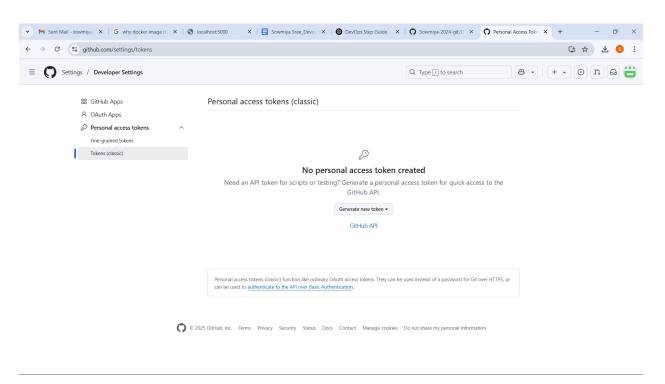
Step 1 : Create the new repository in github

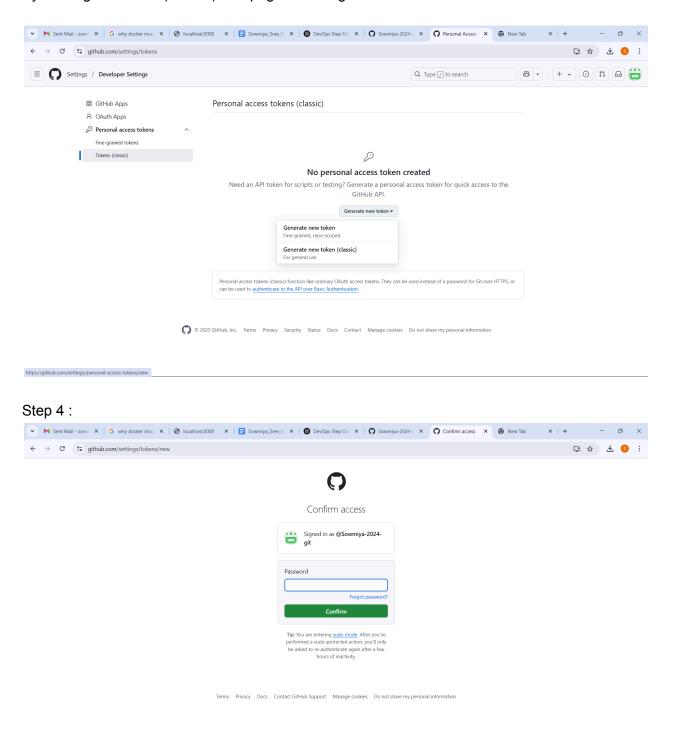


Step 2 : Give the url https://github.com/settings/tokens

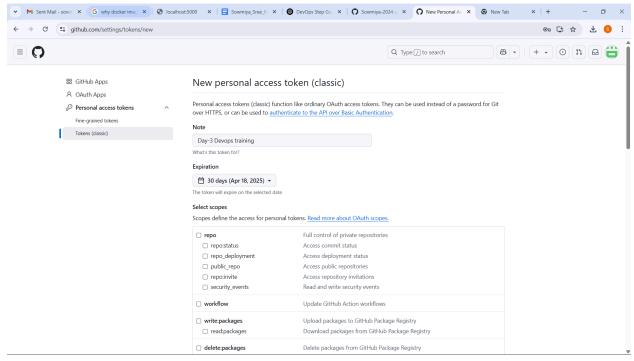


Step 3:

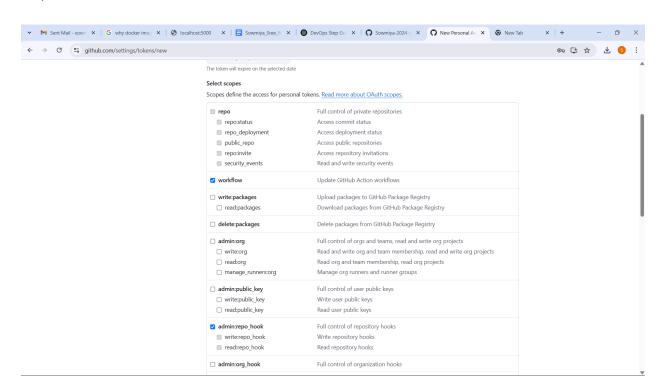
By clicking the tokens(classic) The page will navigate to this



Step 5 : After verifying the passcode it will navigate to this page



Step 6:



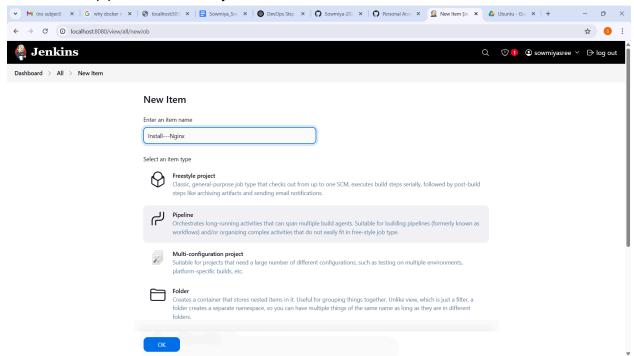
Step 9:

```
E sommingsUNTOP-EDECRUAL's sudo systematle nable jenkins [sudo] password for sommings:
Synchronizing state of jenkins.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: (wary/lib/systemd/systemd-sysv-install enable jenkins
Executing: (wary/lib/systemd/systemd-sysv-install enable jenkins
Executing: (wary/lib/systemd/systemd/systemd/systemd)
Executing: (wary/lib/systemd/systemd/systemd/systemd)
Executing: (wary/lib/systemd/systemd/systemd/systemd)
Executing: (wary/lib/systemd/systemd/systemd/systemd)

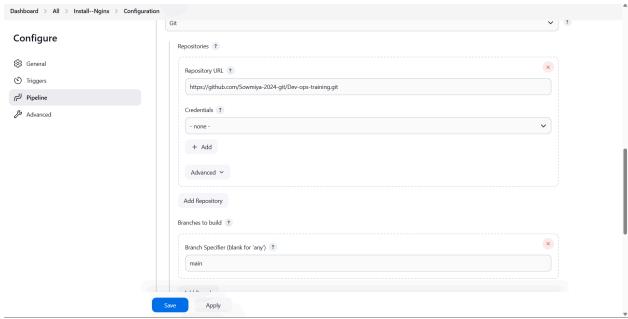
Active: active (running) since New 2025-03-19 03:39:02 UTC; 45min ago
Main PID: 169 (java)

Tasks: 90 (timit: 9366)
Main PID
```

Step 10 : Create a new pipeline item in the jenkins

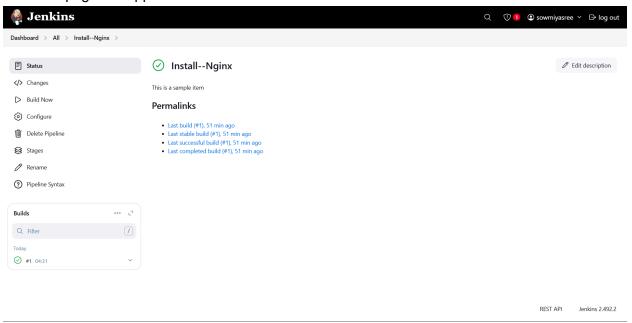


Step 11 : Click the configure inside that click on pipeline and give the url of the repository and add credentials to it and give variable name and passcode



Step 12:

Then this page will appear



Step 13:

```
sowmiya@LAPTOP-E2BCEK44:~$ git clone https://github.com/Sowmiya-2024-git/Dev-ops-training.git
Cloning into 'Dev-ops-training'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
sowmiya@LAPTOP-E2BCEK44:~$ ls
Dev-ops-training docker-python-app
```

Step 14:

```
sowmiya@LAPTOP-E2BCEK44:~$ cd docker-python-app
sowmiya@LAPTOP-E2BCEK44:~/docker-python-app$ ls
Dockerfile app.py docker-compose.yml requirements.txt
```

Step 15:

```
sowmiya@LAPTOP-E2BCEK44:~/docker-python-app$ cd ..
sowmiya@LAPTOP-E2BCEK44:~/docker-python-app$ cd ..
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$ git add .
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$ git commit -m 'initial commit'
Author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

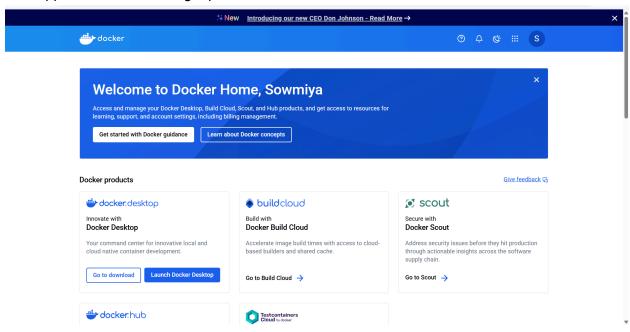
fatal: empty ident name (for <sowmiya@LAPTOP-E2BCEK44.>) not allowed
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$ git config --global user.email "sowmiyasreem.24mca@kongu.ede
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$ git config --global user.name "Sowmiya-2024-git"
sowmiya@LAPTOP-E2BCEK441:~/Dev-ops-training$ git commit -m 'initial commit'

## files changed, 37 insertions(+)
create mode 100644 pockerfile
create mode 100644 pocker-compose.yml
create mode 100644 requirements.txt
```

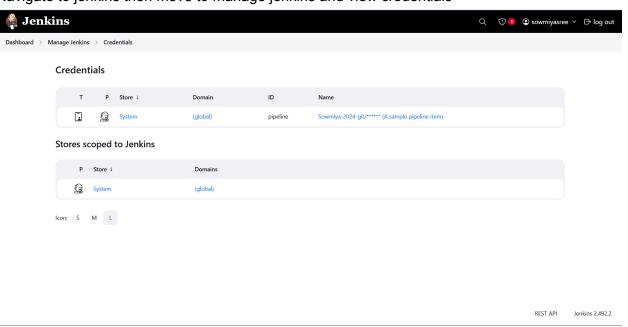
Step 16:

```
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$ git push https://Sowmiya-2024-git:ghp_Wa6JUff108X2sWkaF2c01ZtV0yLESV01xi0x@github.com/Sowmiya-2024-git/Dev-ops-training.git
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 12 threads
Compression using up to 12 threads
Compression objects: 100% (5/6), done.
Writing objects: 100% (6/6), 937 bytes | 937.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sowmiya-2024-git/Dev-ops-training.git
55b3acc. 8ea58c0 main > main
sowmiya@LAPTOP-E2BCEK44:~/Dev-ops-training$
```

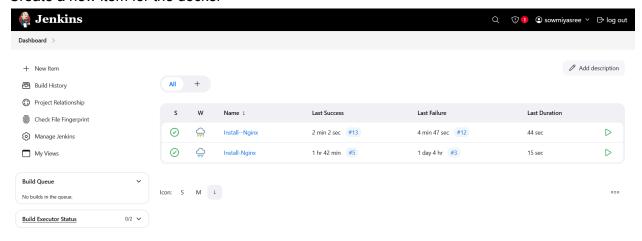
Step 17 : Give app.docker.com and signup into it



Step 18 : Navigate to jenkins then move to manage jenkins and view credentials



Step 19: Create a new item for the docker



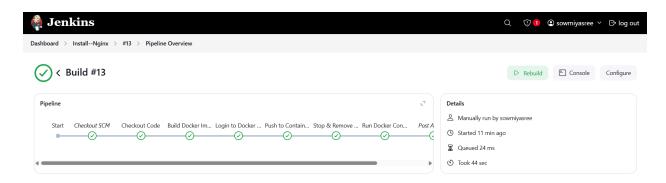
Step 20 : Create a Jenkinsfile and add the codes for git and jenkins

```
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ nano Jenkinsfile
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ git config --global user.email "sowmiyasreem.24mca@kongu.edu"
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ git config --global user.name "Sowmiya-2024-git"
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ git add .
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ git commit -m 'initial commit'
[main 8ecd7fd] initial commit
1 file changed, 2 insertions(+), 2 deletions(-)
sowmiya@LAPTOP-E2BCEK44: "/Dev-ops-training$ git push https://Sowmiya-2024-git:ghp_Wa6JUffI08X2sWkaF2c01ZtV0yLESV01xi0x@github.com/Sowmiya-2024-git/Dev-ops-training.git
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compression using up to 12 threads
Compression objects: 100% (3/3), 306 bytes | 306.00 KiB/s, done.
Writing objects: 100% (3/3), 306 bytes | 306.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://joithub.com/Sowmiya=2024-git/Dev-ops-training.git
    f2Uc01b..8ecd7fd main -> main
sowmiya@LAPTOP-E2BCEK441: "/Dev-ops-training$ systemctl status docker

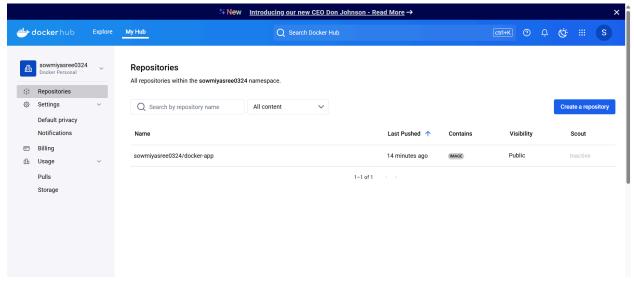
    docker.service - Docker Application Container Engine
    Loadel loaded (/usr/lib/systemd/system/docker.service; enabled; prese>
Active: active (running) since Wed 2025-03-19 03:38:58 UTC; 6h ago
TriggeredBy: * docker.socket
```

Step 21:

Then build the file and it will run successfully



Step 22 : Move to app.docker.com



Step 23 : In docker our file will display like this

