DEVOPS-TASK 1

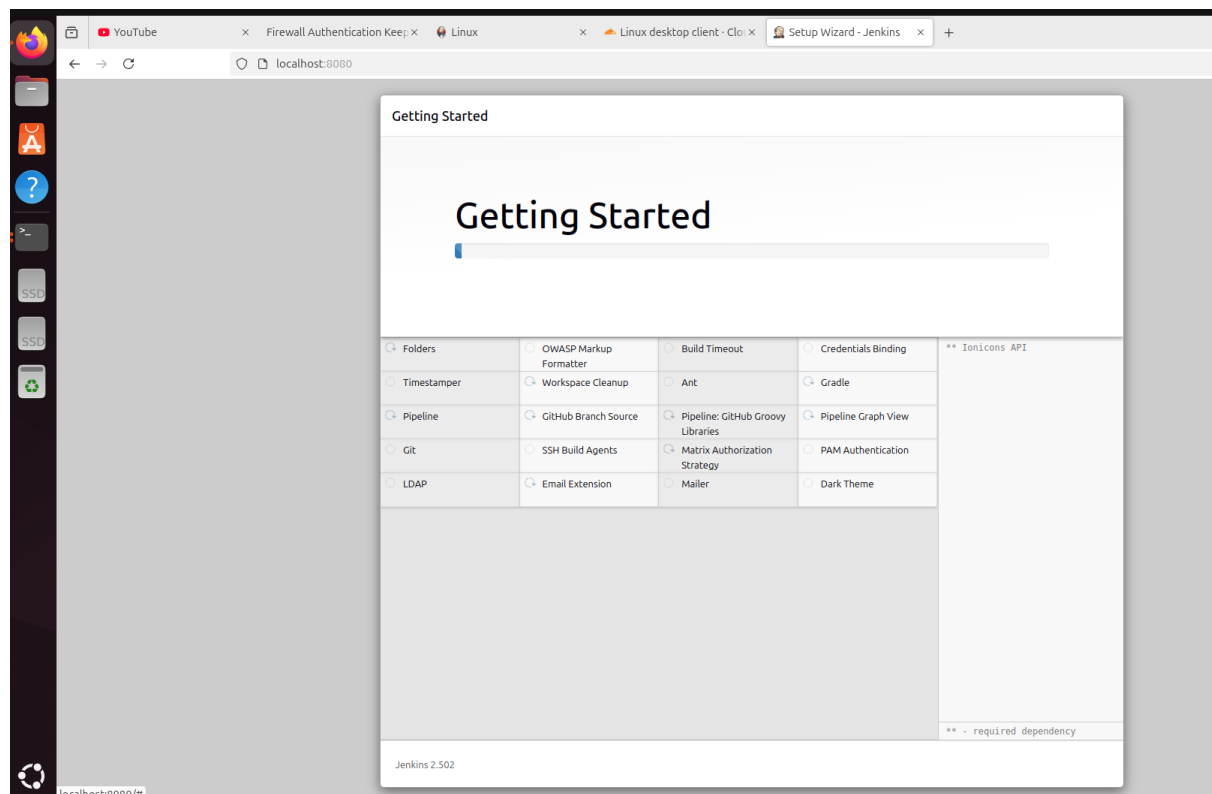1)Installing Jenkins in Linux(ubuntu)

```
      inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
sivadeep@sivadeep-Vivobook:~$ sudo wget -O /usr/share/keyrings/jenkins-keyring.asc \
  https://pkg.jenkins.io/debian/jenkins.io-2023.key
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc]" \
  https://pkg.jenkins.io/debian binary/ | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt-get update
sudo apt-get install jenkins
[sudo] password for sivadeep:
--2025-03-19 09:38:38--  https://pkg.jenkins.io/debian/jenkins.io-2023.key
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.66.133, 151.101.2.133, 151.101.194.133, ...
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.66.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3175 (3.1K) [application/pgp-keys]
Saving to: '/usr/share/keyrings/jenkins-keyring.asc'

/usr/share/keyrings 100%[===================>]   3.10K  --.-KB/s    in 0.005s

2025-03-19 09:38:39 (688 KB/s) - '/usr/share/keyrings/jenkins-keyring.asc' saved [3175/3175]

Ign:1 https://pkg.jenkins.io/debian binary/ InRelease
Get:2 https://pkg.jenkins.io/debian binary/ Release [2,044 B]
Hit:3 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:4 https://pkg.jenkins.io/debian binary/ Release.gpg [833 B]
Hit:5 http://archive.ubuntu.com/ubuntu noble InRelease
Get:6 https://pkg.jenkins.io/debian binary/ Packages [68.5 kB]
Hit:7 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 71.3 kB in 2s (30.7 kB/s)
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  net-tools
The following NEW packages will be installed:
  jenkins net-tools
0 upgraded, 2 newly installed, 0 to remove and 111 not upgraded.
Need to get 89.7 MB of archives.
After this operation, 92.5 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:2 http://archive.ubuntu.com/ubuntu noble/main amd64 net-tools amd64 2.10-0.1ubuntu4 [204 kB]
Get:1 https://pkg.jenkins.io/debian binary/ jenkins 2.502 [89.5 MB]
25% [1 jenkins 16.5 MB/89.5 MB 18%]
```
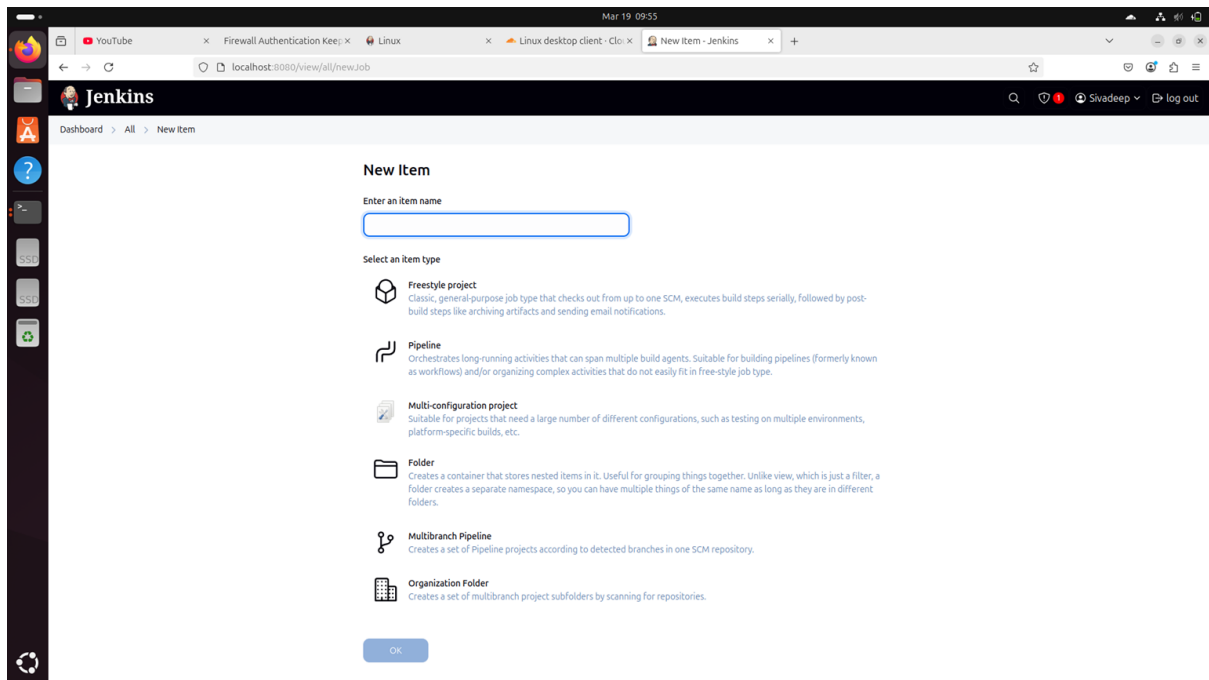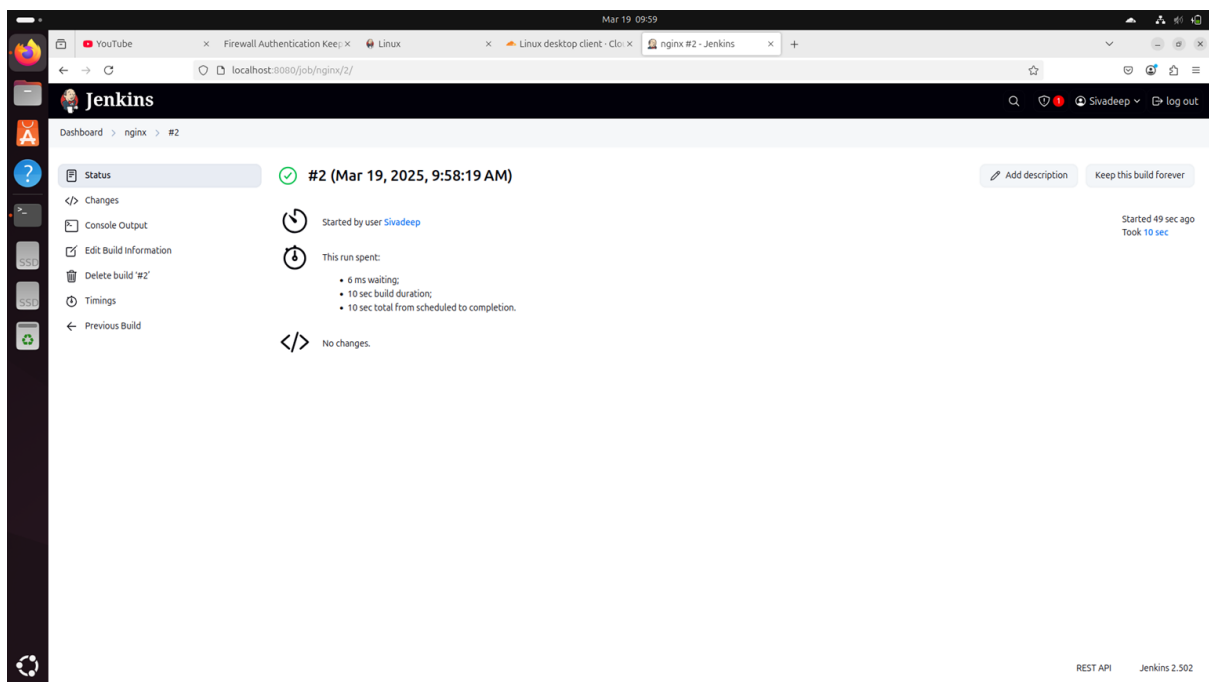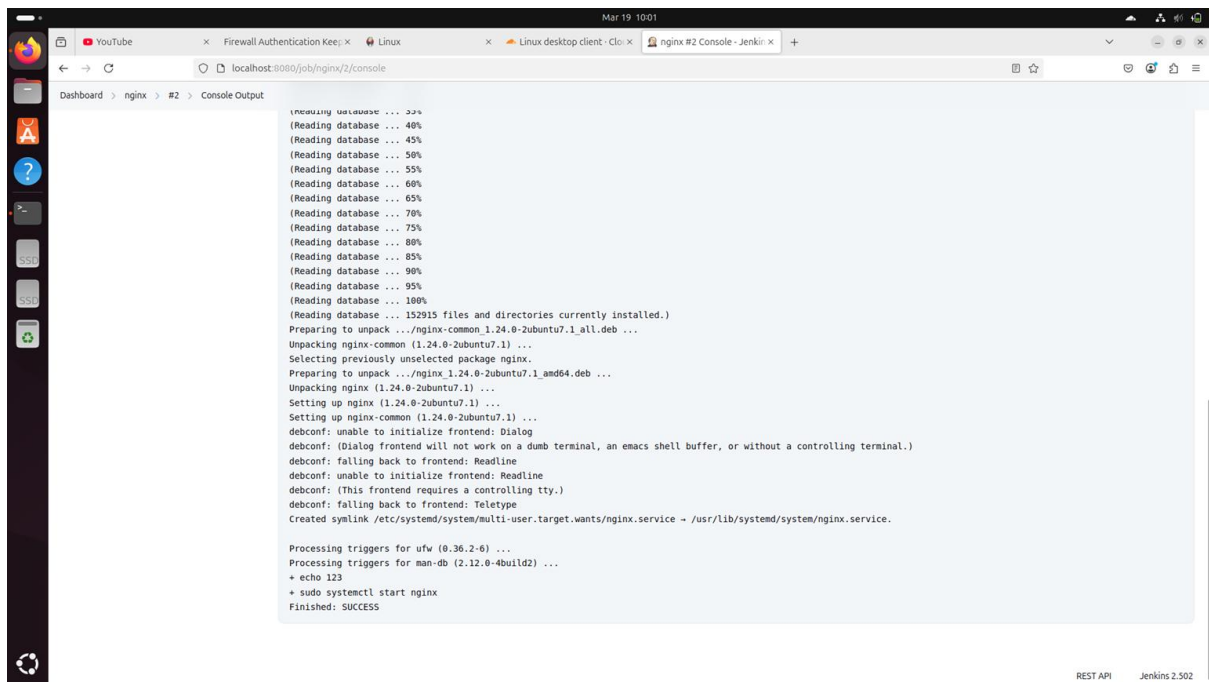
2)Getting Started with Jenkins

3)Creating a free style project

4)Successfully running nginx

5)nginx created successfully

6)nginx O/P