

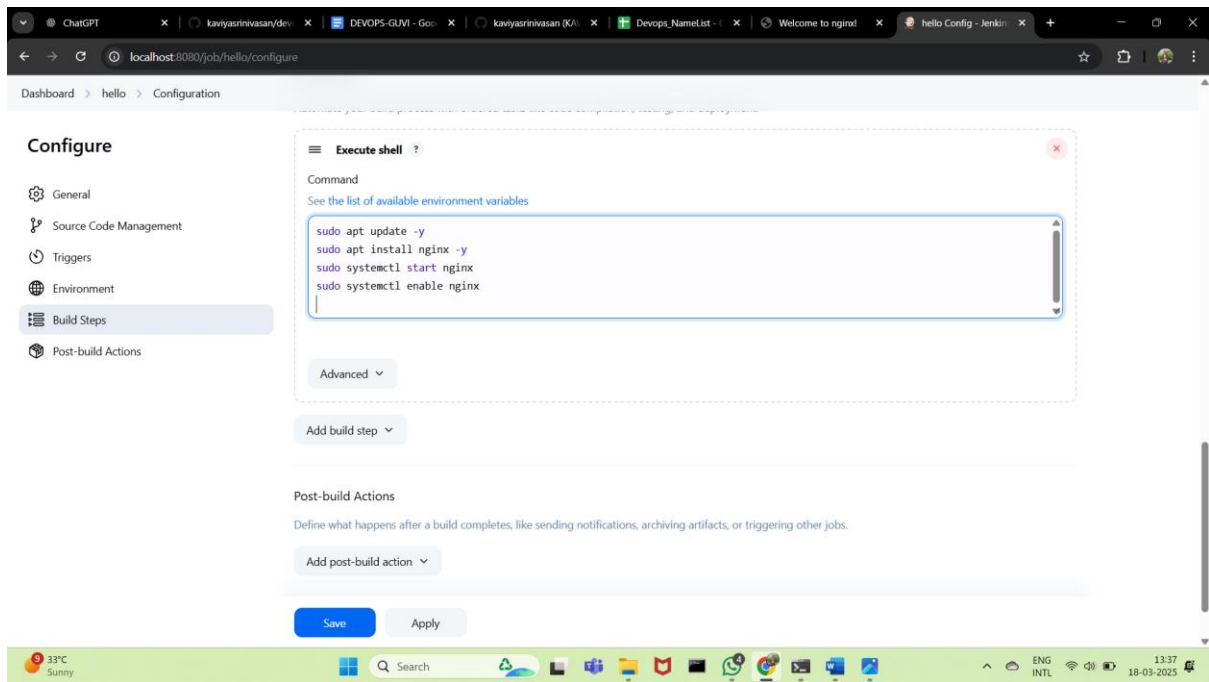
DAY 1 (Jenkins)

```
kaviya@KaviyaSrinini:~$ sudo systemctl start jenkins
sudo systemctl enable jenkins
[sudo] password for kaviya:
Synchronizing state of jenkins.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable jenkins
kaviya@KaviyaSrinini:~$ jenkins --version
2.501
kaviya@KaviyaSrinini:~$
```

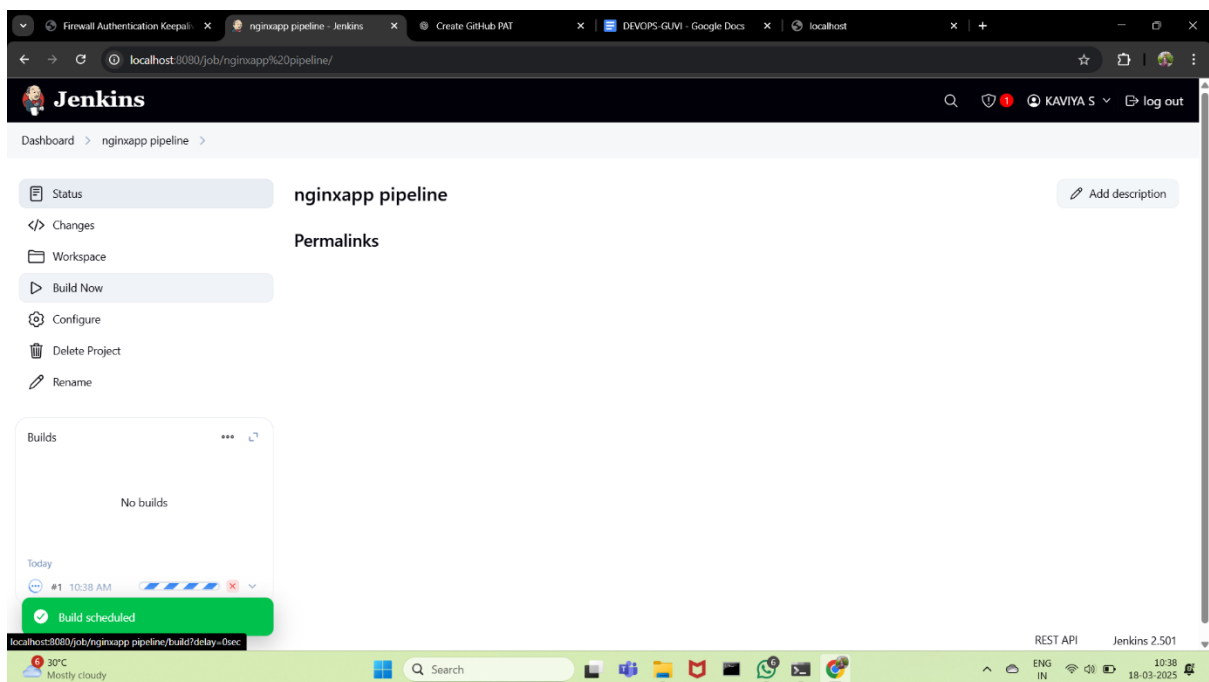
(a) Jenkins Version

```
kaviya@KaviyaSrinini:~$ sudo apt update && sudo apt upgrade -y
Ign:1 https://pkg.jenkins.io/debian binary/ InRelease
Hit:2 https://pkg.jenkins.io/debian binary/ Release
Hit:3 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:4 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:6 http://archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:7 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kaviya@KaviyaSrinini:~$ sudo apt update
Ign:1 https://pkg.jenkins.io/debian binary/ InRelease
Hit:2 https://pkg.jenkins.io/debian binary/ Release
Hit:4 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:5 http://archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:6 http://archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:7 http://security.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
kaviya@KaviyaSrinini:~$ sudo apt install jenkins -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
jenkins is already the newest version (2.501).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kaviya@KaviyaSrinini:~$ sudo systemctl start jenkins
kaviya@KaviyaSrinini:~$ sudo systemctl enable jenkins
Synchronizing state of jenkins.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable jenkins
kaviya@KaviyaSrinini:~$ sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor p>
   Active: active (running) since Tue 2025-03-18 08:00:13 IST; 1min 51s a>
```

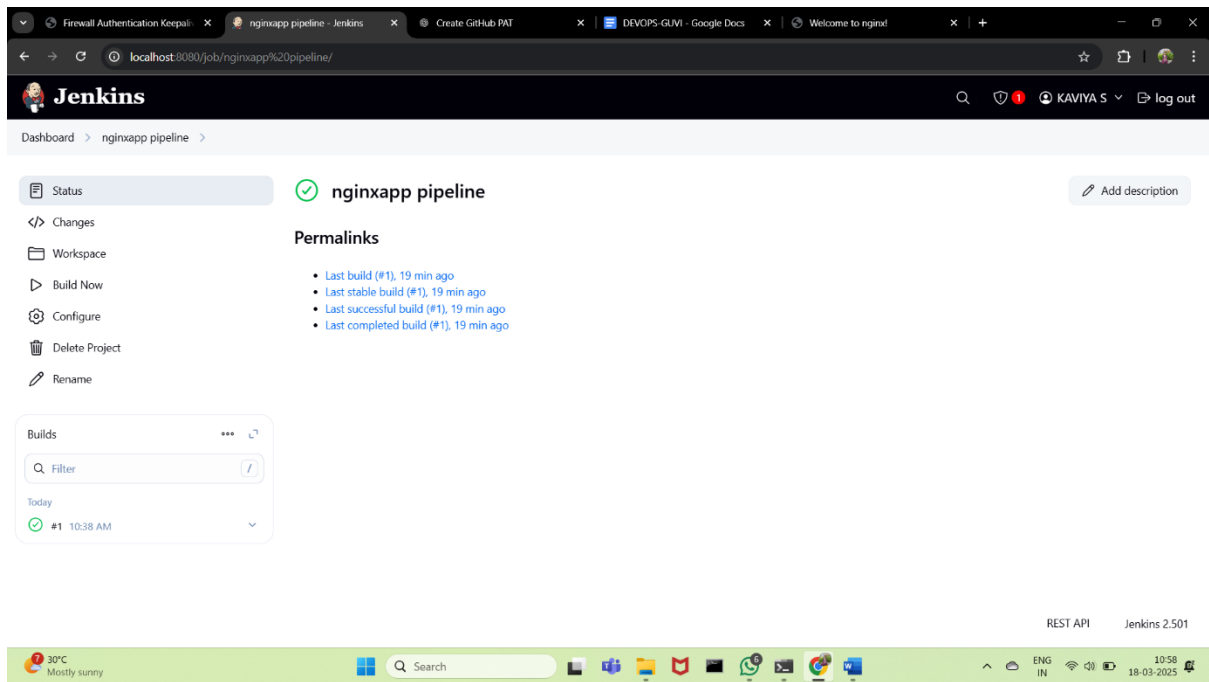
(b) Enable Jenkins service



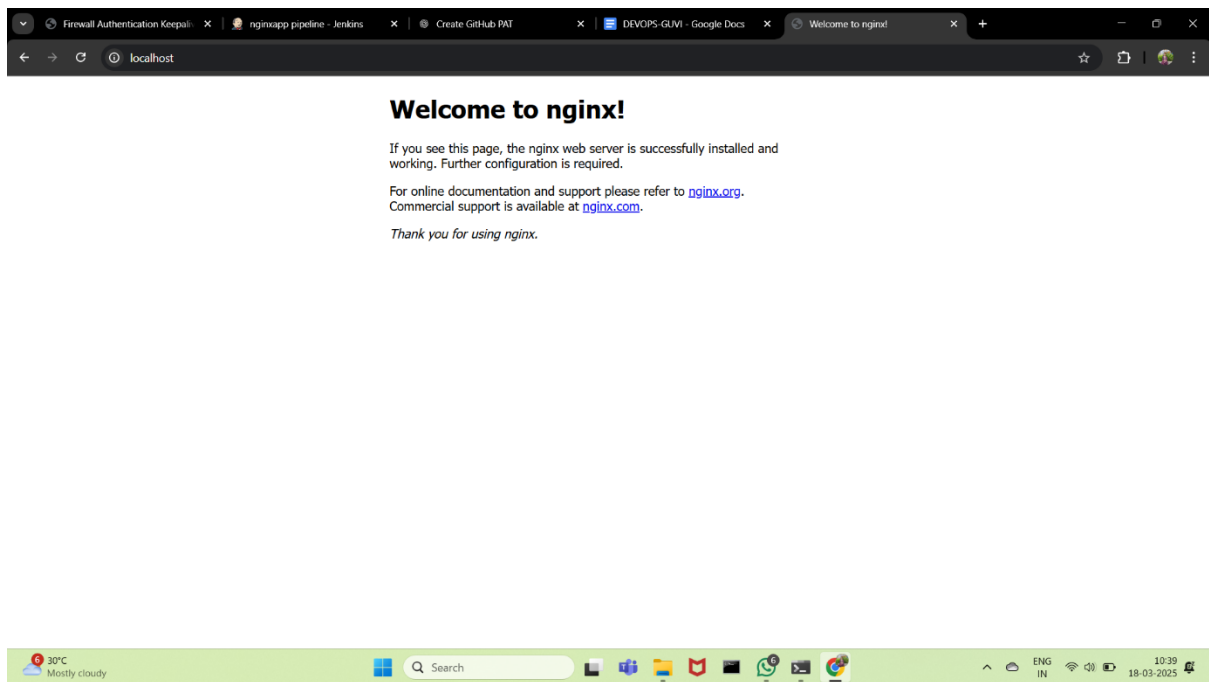
(c) Execute shell commands



(d) Server running in localhost:8080



(e)Build Completed



(f) nginx server in localhost