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Class: I – MCA – “A”

## TASK - 1

# DEVOPS TRAINING

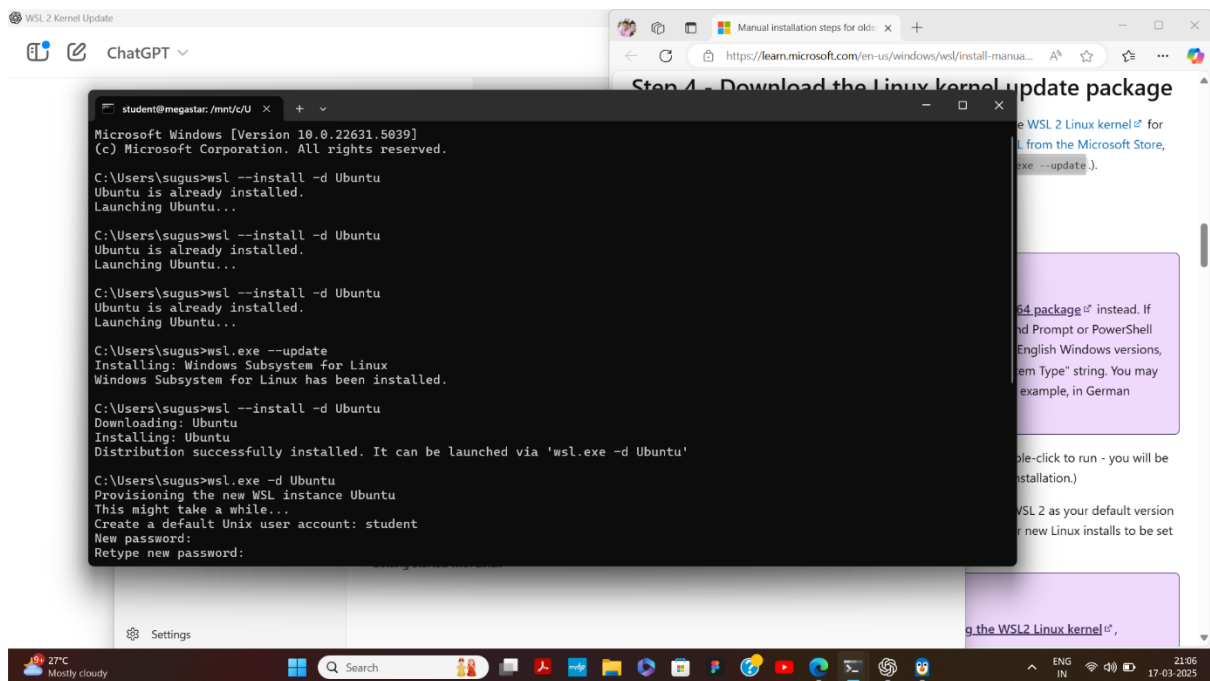
### Step 1: (Installing Ubuntu)

#### Enable WSL

Before installing Ubuntu, ensure that WSL is enabled on your Windows system.

#### Enable WSL Feature

1. Open **PowerShell** as Administrator and run:
2. `wsl --install`



### Step 2: (Set New Password) Set Up Ubuntu

When Ubuntu runs for the first time, it will ask you to create a new user account.

1. **Enter a username** (must start with a lowercase letter or underscore, and contain only lowercase letters, digits, underscores, and dashes).
2. **Set a password** (enter and confirm the password). If passwords do not match, you will need to retry.
3. Once successful, Ubuntu will be set up and ready to use.

```
student@megastar: /mnt/c/Windows/Users/sugus$ wsl --install -d Ubuntu
Downloading: Ubuntu
Installing: Ubuntu
Distribution successfully installed. It can be launched via 'wsl.exe -d Ubuntu'

C:\Users\sugus>wsl.exe -d Ubuntu
Provisioning the new WSL instance Ubuntu
This might take a while...
Create a default Unix user account: student
New password:
Retype new password:
passwd: password updated successfully
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 5.15.167.4-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

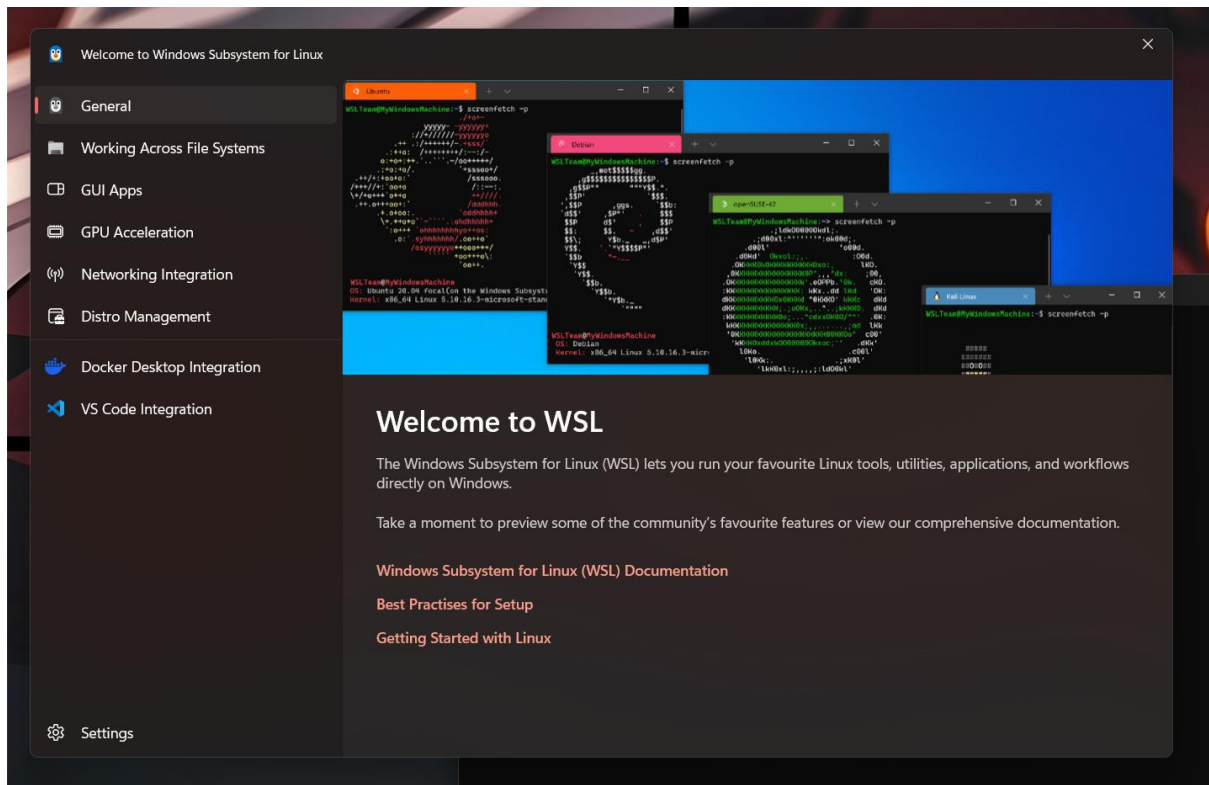
System information as of Mon Mar 17 15:36:24 UTC 2025

System load:  0.12               Processes:    32
Usage of /:   0.1% of 1006.85GB   Users logged in: 0
Memory usage: 5%                IPv4 address for eth0: 172.18.198.50
Swap usage:  0%

This message is shown once a day. To disable it please create the
/home/student/.hushlogin file.
student@megastar: /mnt/c/Windows/Users/sugus$
```

### Step 3:

(New WSL Window Will Open)



## Step 4:

(Check JDK Version) If not available install it .

### Install Jenkins on Ubuntu

# Update package lists

```
sudo apt update -y
```

```
# Install Java (Required for Jenkins) sudo apt install -y openjdk-17-jdk
```

```
#verify java version java -version
```

### Add Jenkins GPG Key

```
wget -q -O- https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee  
/usr/share/keyrings/jenkins-keyring.asc > /dev/null
```

### Add the Jenkins Repository

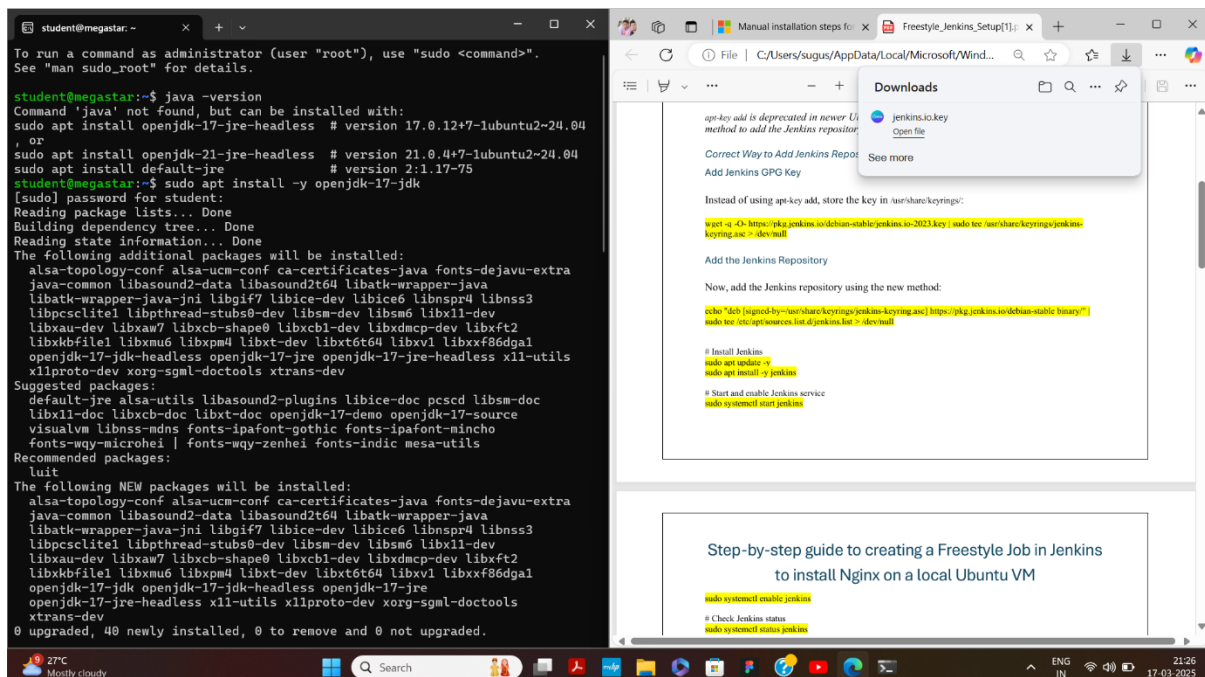
```
echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable  
binary/" | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null
```

### # Install Jenkins

```
sudo apt update -y
```

```
sudo apt install -y jenkins
```

```
# Start and enable Jenkins service sudo systemctl start Jenkins
```



```

student@LAPTOP-INTAVHGL:~$ sudo apt update
Get:13 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [16.9 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [726 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [146 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:17 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 c-n-f Metadata [432 B]
Get:18 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [26.2 kB]
Get:19 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [4892 B]
Get:20 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:21 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [448 B]
Get:22 http://archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:23 http://archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Pkg [23 Components: amd64 2155 kB/3971 kB 56%]
Get:24 http://archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:25 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:26 http://archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:27 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:28 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:29 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [921 kB]
Get:30 http://archive.ubuntu.com/ubuntu noble-updates/main Translation-en [209 kB]
Get:31 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:32 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [13.4 kB]
Get:33 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1040 kB]
Get:34 http://archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [262 kB]
Get:35 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [364 kB]
Get:36 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [25.8 kB]
Get:37 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [759 kB]
Get:38 http://archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [153 kB]
Get:39 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:40 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [464 B]
Get:41 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [30.1 kB]
Get:42 http://archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [5884 B]
Get:43 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:44 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [656 B]
Get:45 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:46 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:47 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [14.2 kB]
Get:48 http://archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [12.1 kB]
Get:49 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [20.0 kB]
Get:50 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1256 B]
Get:51 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:52 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:53 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:54 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Fetched 32.8 MB in 19s (1707 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
56 packages can be upgraded. Run 'apt list --upgradable' to see them.
student@LAPTOP-INTAVHGL:~$

```

```

student@LAPTOP-INTAVHGL:~$ sudo apt update
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/serialver to provide /usr/bin/serialver (serialver) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/jhsdb to provide /usr/bin/jhsdb (jhsdb) in auto mode
Setting up openjdk-17-jdk:amd64 (17.0.14+7-1-24.04) ...
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/jconsole to provide /usr/bin/jconsole (jconsole) in auto mode
student@LAPTOP-INTAVHGL:~$ sudo apt-key add
openjdk version "17.0.14" 2025-01-21
OpenJDK Runtime Environment (build 17.0.14+7-Ubuntu-124.04)
student@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo apt-keystudent@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo apt-key add
wget: missing URL
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.
Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see apt-key(8)).
gpg: no valid OpenPGP data found.
student@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc >/dev/null
sudo: tee /usr/share/keyrings/jenkins-keyring.asc: command not found
student@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc >/dev/null
wget: missing URL
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.
sudo: tee /usr/share/keyrings/jenkins-keyring.asc: command not found
student@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc >/dev/null
sudo: tee /usr/share/keyrings/jenkins-keyring.asc: command not found
student@LAPTOP-INTAVHGL:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc >/dev/null
student@LAPTOP-INTAVHGL:~$ echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable binary/" | sudo tee /etc/apt/sources.list.d/jenkins.list >/dev/null
student@LAPTOP-INTAVHGL:~$ sudo apt update -y
Get:1 https://pkg.jenkins.io/debian-stable binary/ InRelease
Get:2 https://pkg.jenkins.io/debian-stable binary/ Release [2044 B]
Get:3 https://pkg.jenkins.io/debian-stable binary/ Release.gpg [833 B]
Get:4 https://pkg.jenkins.io/debian-stable binary/ Packages [28.7 kB]
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:7 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 31.6 kB in 2s (17.6 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
56 packages can be upgraded. Run 'apt list --upgradable' to see them.
student@LAPTOP-INTAVHGL:~$

```

## Step 5: Install Jenkins

sudo apt update -y

sudo apt install -y jenkins

```

student@LAPTOP-INTAVHGL:~
wget: missing URL
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.

sudo: tee/usr/share/keyrings/jenkins-keyring.asc: command not found
student@LAPTOP-INTAVHGL:~$ wget -q -O- https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee
tee/usr/share/keyrings/jenkins-keyring.asc/dev/null
sudo: tee/usr/share/keyrings/jenkins-keyring.asc: command not found
student@LAPTOP-INTAVHGL:~$ wget -q -O- https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee
tee /usr/share/keyrings/jenkins-keyring.asc/dev/null
student@LAPTOP-INTAVHGL:~$ sudo apt update -y
student@LAPTOP-INTAVHGL:~$ sudo apt install -y jenkins
Ign:1 https://pkg.jenkins.io/debian-stable binary/ InRelease
Get:2 https://pkg.jenkins.io/debian-stable binary/ Release [2044 B]
Get:3 https://pkg.jenkins.io/debian-stable binary/ Release.gpg [833 B]
Get:4 https://pkg.jenkins.io/debian-stable binary/ Packages [28.7 kB]
Hit:5 https://security.ubuntu.com/ubuntu noble-security InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:7 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 31.6 kB in 2s (17.6 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
56 packages can be upgraded. Run 'apt list --upgradable' to see them.
student@LAPTOP-INTAVHGL:~$ sudo apt install -y jenkins
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 56 not upgraded.
Need to get 95.0 MB of archives.
After this operation, 97.6 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble/main amd64 net-tools amd64 2.10-0.1ubuntu4 [204 kB]
Get:2 https://pkg.jenkins.io/debian-stable binary/ jenkins 2.492.2 [94.8 MB]
34% [2 jenkins 28.7 MB/94.8 MB 30%]
2852 kB/s 23s

```

## Step 6: Check Jenkins Status

sudo systemctl status jenkins

cat copy the localhost:8080 admin path

display the password

=>By default, Jenkins runs as a system user (jenkins). If your script requires sudo, you must allow the Jenkins user to run commands without a password.

sudo visudo

Add the following line at the end:

jenkins ALL=(ALL) NOPASSWD: ALL

Save and exit.

```

student@LAPTOP-INTAVHGL:~
student@LAPTOP-INTAVHGL:~$ sudo systemctl status jenkins
● Jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Mon 2025-03-17 17:37:50 UTC; 3min 55s ago
     Main PID: 2392 (java)
       Tasks: 58 (limit: 9090)
      Memory: 949.5M (-)
      CGroup: /system.slice/jenkins.service
              └─2392 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war

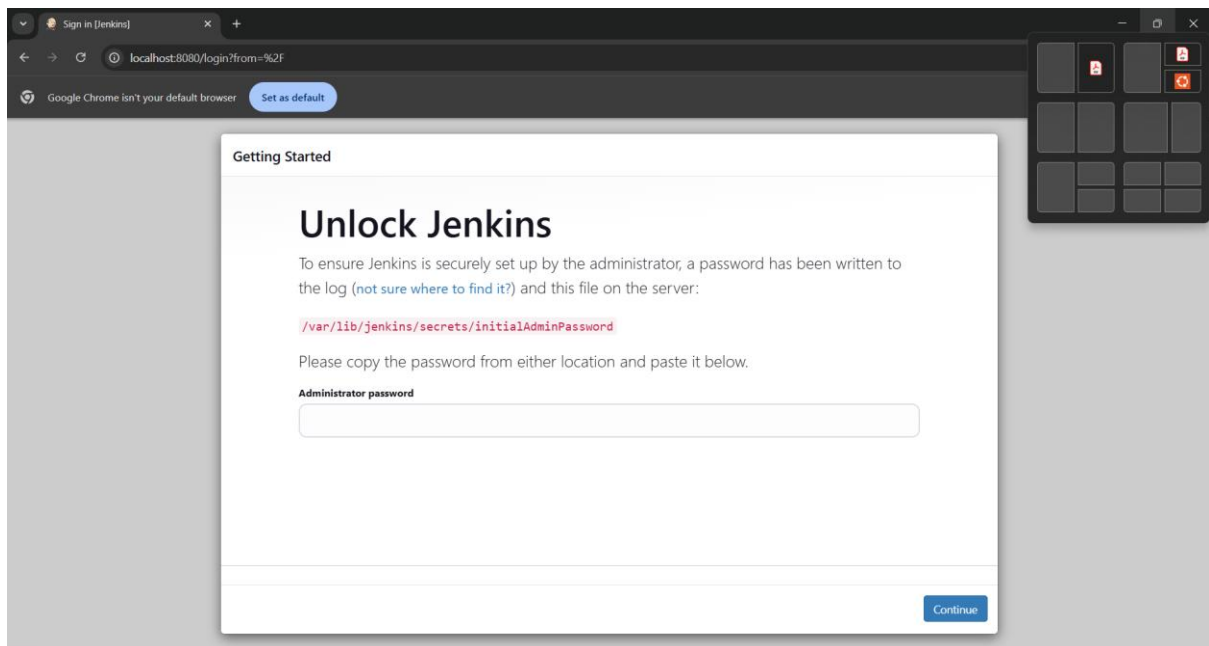
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: 6513675f53d24271bfec2b0a9121d66e
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: *****
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: *****
Mar 17 17:37:50 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:50.706+0000 [id=55] INFO jenkins.InitReactorRunner$1@nonAttained: Completed initialization
Mar 17 17:37:50 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:50.736+0000 [id=33] INFO hudson.lifecycle.Lifecycle$nonReady: Jenkins is fully up and running
Mar 17 17:37:50 LAPTOP-INTAVHGL systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Mar 17 17:37:53 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:53.053+0000 [id=87] INFO hudson.DownloadService$Downloadable$load: Obtained the updated data file for Hudson.tasks.Maven.MavenInstaller
Mar 17 17:37:53 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:53.055+0000 [id=87] INFO hudson.util.Retrier$start: Performed the action check updates server successfully at the attempt #1
lines 1-19/19 (END)

● Jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Mon 2025-03-17 17:37:50 UTC; 3min 55s ago
     Main PID: 2392 (java)
       Tasks: 58 (limit: 9090)
      Memory: 949.5M (-)
      CGroup: /system.slice/jenkins.service
              └─2392 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: 6513675f53d24271bfec2b0a9121d66e
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: *****
Mar 17 17:37:41 LAPTOP-INTAVHGL jenkins[2392]: *****
Mar 17 17:37:50 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:50.706+0000 [id=55] INFO jenkins.InitReactorRunner$1@nonAttained: Completed initialization
Mar 17 17:37:50 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:50.736+0000 [id=33] INFO hudson.lifecycle.Lifecycle$nonReady: Jenkins is fully up and running
Mar 17 17:37:50 LAPTOP-INTAVHGL systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Mar 17 17:37:53 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:53.053+0000 [id=87] INFO hudson.DownloadService$Downloadable$load: Obtained the updated data file for Hudson.tasks.Maven.MavenInstaller
Mar 17 17:37:53 LAPTOP-INTAVHGL jenkins[2392]: 2025-03-17 17:37:53.055+0000 [id=87] INFO hudson.util.Retrier$start: Performed the action check updates server successfully at the attempt #1
lines 1-19/19 (END)

```

## Step 7: (Enter the Administrator Password)



```
Select student@LAPTOP-1NTAVHGL: ~
Mar 17 17:37:50 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:50.736+0000 [id=33] INFO
Mar 17 17:37:50 LAPTOP-1NTAVHGL systemd[1]: Started jenkins.service - Jenkins Continuous Integration S
Mar 17 17:37:53 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:53.053+0000 [id=87] INFO
Mar 17 17:37:53 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:53.055+0000 [id=87] INFO
lines 1-19/19 (END)
jenkins.service - Jenkins Continuous Integration Server
Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
Active: active (running) since Mon 2025-03-17 17:37:50 UTC; 3min 55s ago
Main PID: 2392 (java)
Tasks: 58 (limit: 9090)
Memory: 949.5M ()
CGroup: /system.slice/jenkins.service
└─2392 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
Mar 17 17:37:41 LAPTOP-1NTAVHGL jenkins[2392]: 5513675f53d24271bfec2b0a9121d066
Mar 17 17:37:41 LAPTOP-1NTAVHGL jenkins[2392]: this may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Mar 17 17:37:41 LAPTOP-1NTAVHGL jenkins[2392]: *****
Mar 17 17:37:41 LAPTOP-1NTAVHGL jenkins[2392]: *****
Mar 17 17:37:50 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:50.706+0000 [id=55] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
Mar 17 17:37:50 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:50.736+0000 [id=33] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
Mar 17 17:37:50 LAPTOP-1NTAVHGL systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Mar 17 17:37:53 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:53.053+0000 [id=87] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller
Mar 17 17:37:53 LAPTOP-1NTAVHGL jenkins[2392]: 2025-03-17 17:37:53.055+0000 [id=87] INFO hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1
```

## Step 8: Access Jenkins Web Interface

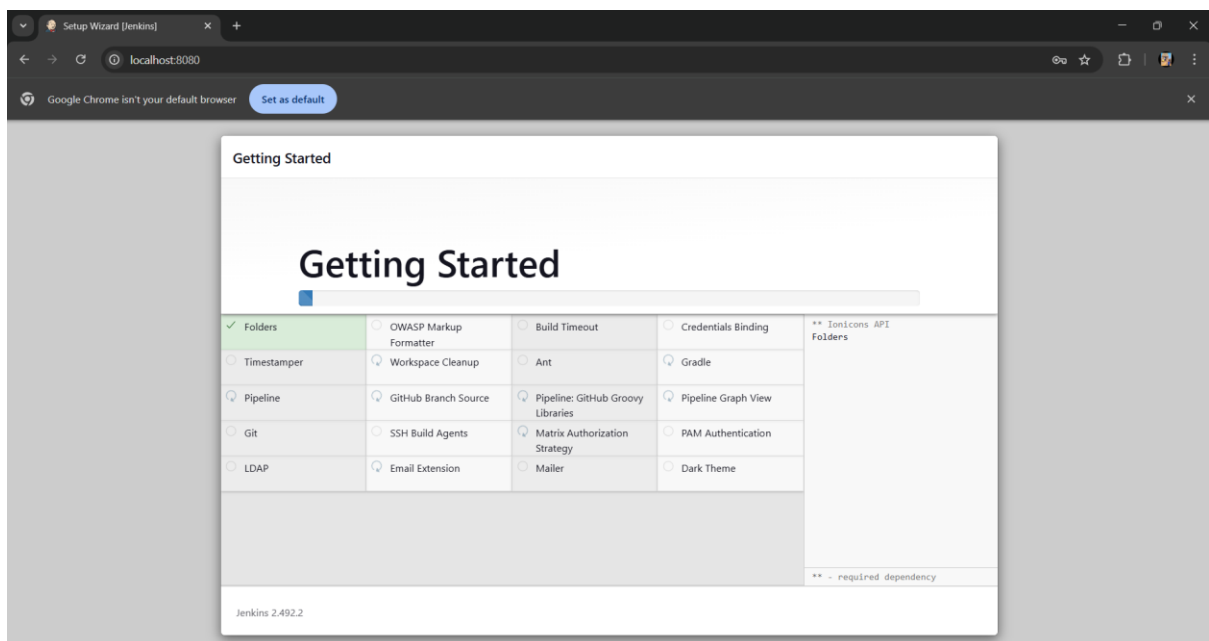
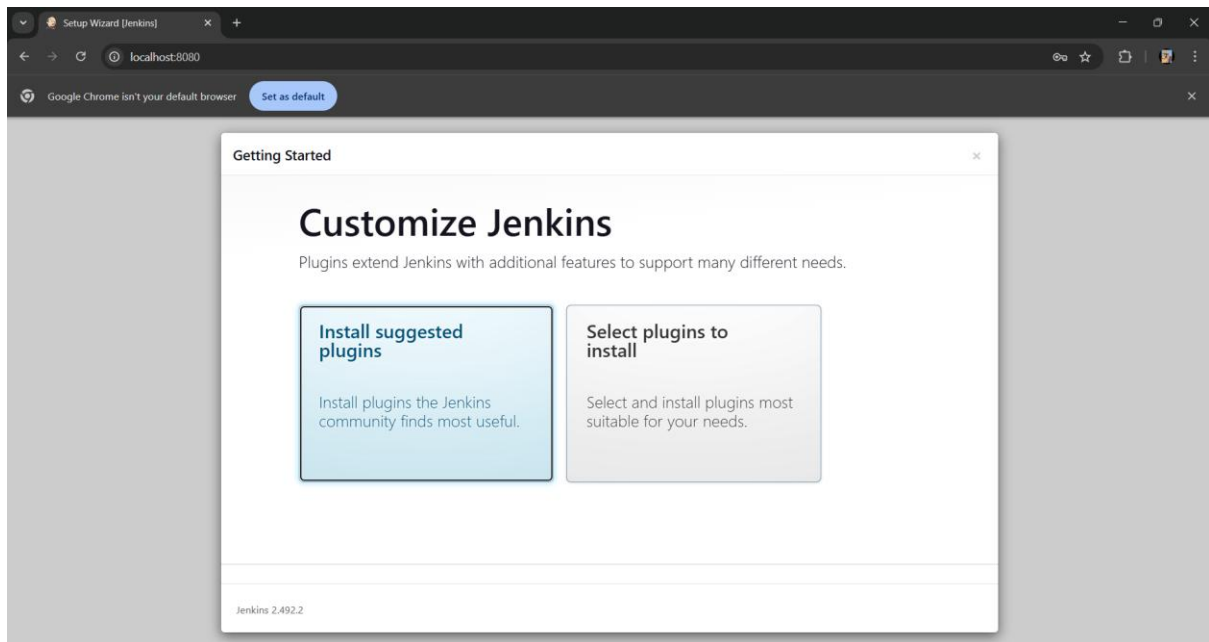
Jenkins will be available at <http://localhost:8080>

To Get the Jenkins Server URL, Follow These Steps:

Method 1: Check the Default URL

By default, Jenkins runs on port 8080. Open in a browser:

<http://<your-server-ip>:8080>



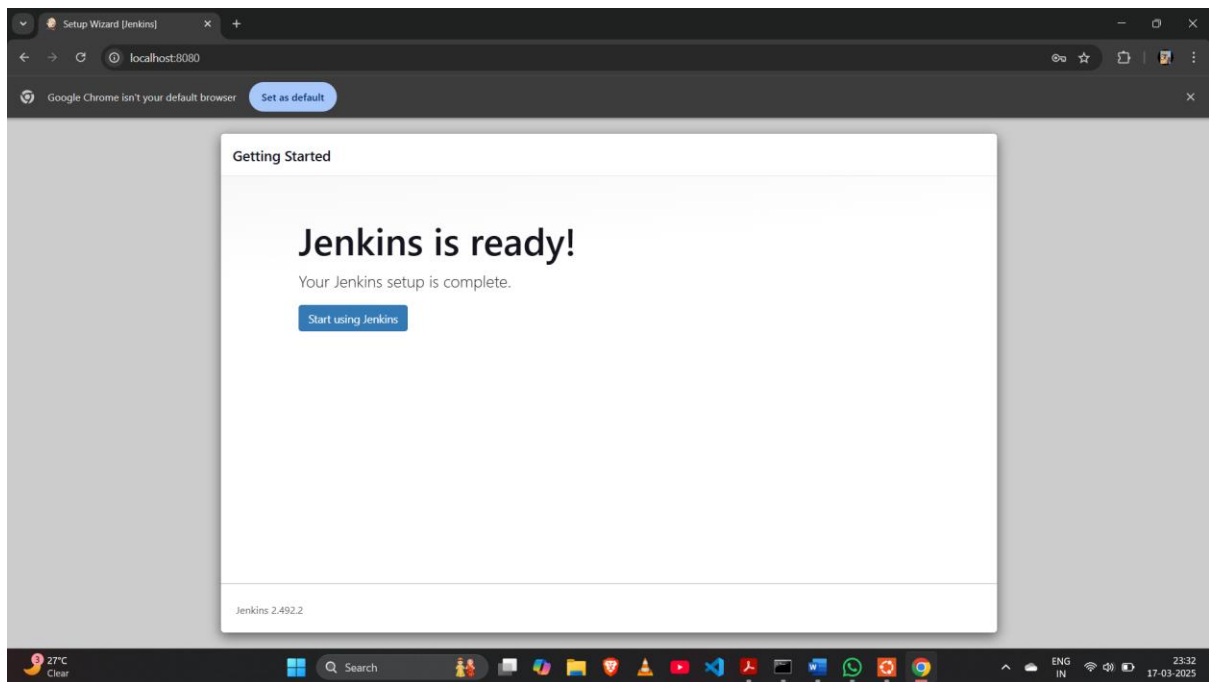
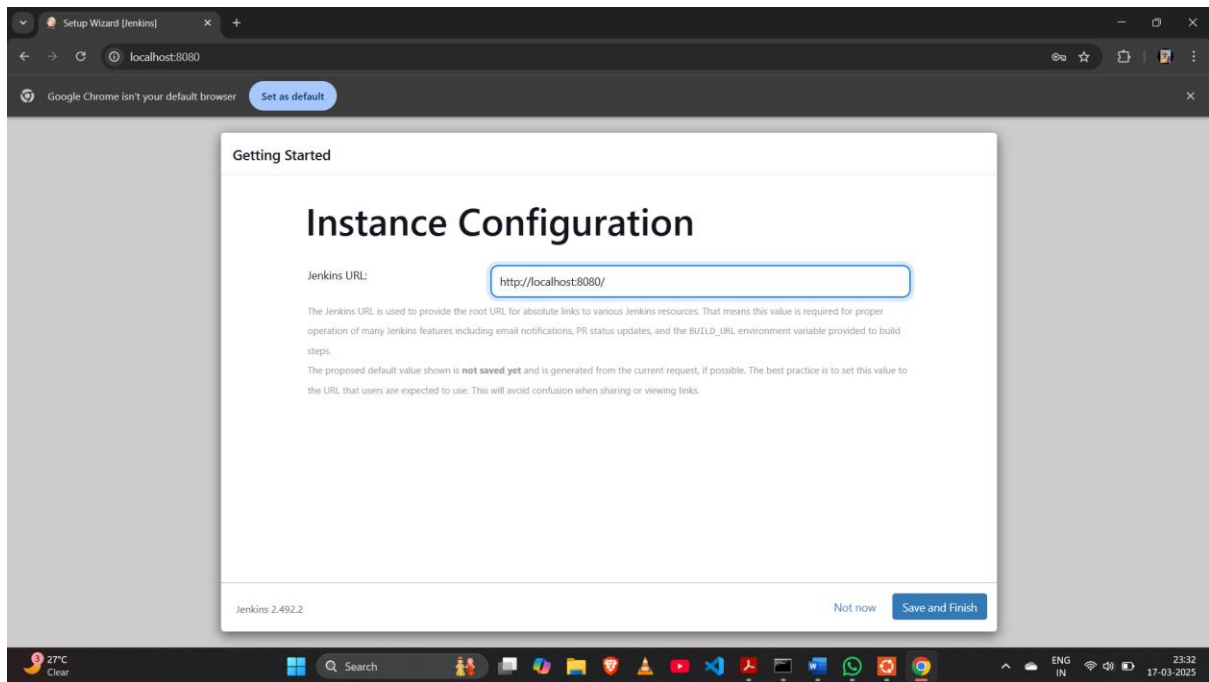


## Step 9: (Create First Admin User)

## Step 10: (Enter the URL)

If you're on the same machine as Jenkins, use:

<http://localhost:8080>





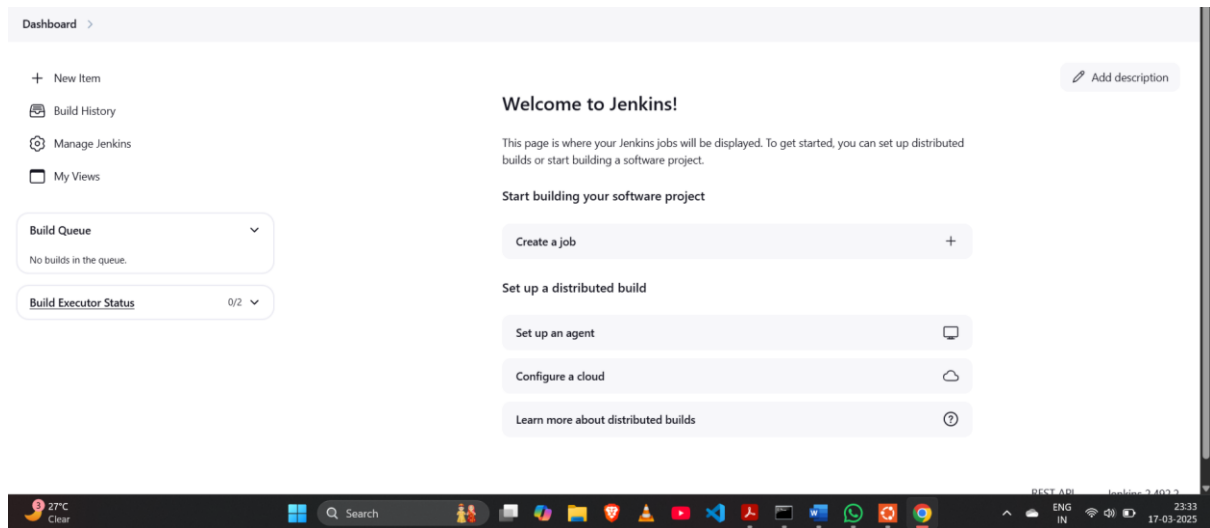
## Step 11:

### (Create an Project ex.ms)

(In Configure build and Select Execute shell)

(Build the Project)

SELECT BUILD NOW



## Step: 12

### Step-by-Step Guide to Creating a Freestyle Job in Jenkins to Install Nginx Step 1: Create a New Freestyle Job

1. Click on **New Item** from the Jenkins Dashboard.
2. Enter a name for the job, e.g., *Install-Nginx*.
3. Select **Freestyle project**.
4. Click OK.

### Step 2: Configure the Job

#### Add Build Step

1. Scroll down to **Build** → Click *Add build step* → Select **Execute shell**.
2. Paste the following script in the command box:

```
echo "Updating package lists..."
```

```
sudo apt update -y
```

```
echo "Installing Nginx..."
```

```
sudo apt install -y nginx
```

```
echo "Starting Nginx service..."
```

```
sudo systemctl start nginx
```

```
echo "Enabling Nginx to start on boot..."
```

```
sudo systemctl enable nginx
```

```
echo "Nginx Installation Completed!"
```

### Step 3: Save and Run the Job

1. Click **Save**.
2. Click **Build Now**.
3. Check the **Console Output** to verify the installation.

### Step 4: Verify the Installation

#### 1. Check Nginx Status

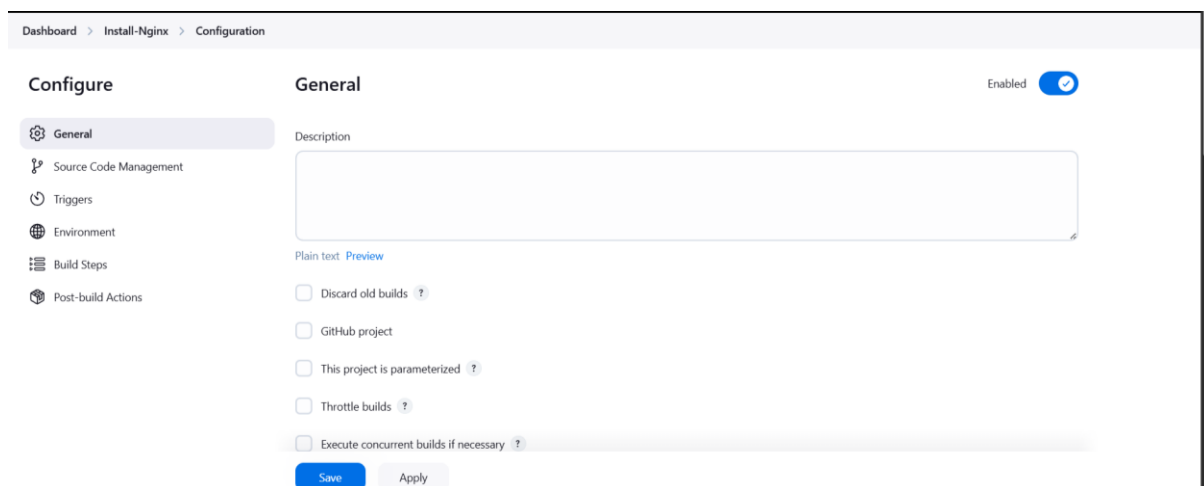
```
systemctl status nginx
```

If running, you should see output like *"active (running)"*.

#### 2. Open Nginx in Browser

<http://localhost:80>

You should see the default Nginx welcome page



## Configure

## General

Source Code Management

Triggers

Environment

Build Steps

Post-build Actions

## General

Enabled 

Description

```
#!/bin/
echo "Updating package lists..."
sudo apt update -y

echo "Installing Nginx..."
sudo apt install -y nginx
```

Plain text [Preview](#)☐ Discard old builds ?☐ GitHub project☐ This project is parameterized ?☐ Throttle builds ?☐ Execute concurrent builds if necessary ?

Save

Apply

## Status

&lt;/&gt; Changes

Workspace

Build Now

Configure

Delete Project

Rename

## Builds

No builds

## Install-Nginx

[Edit description](#)

```
#!/bin/
echo "Updating package lists..."
sudo apt update -y

echo "Installing Nginx..."
sudo apt install -y nginx
echo "Starting Nginx service..."
sudo systemctl start nginx
echo "Enabling Nginx to start on boot..."
sudo systemctl enable nginx
echo "Nginx Installation Completed!"
```

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Build Queue

No builds in the queue.

Build Executor Status

0/2

All +

S	W	Name	Last Success	Last Failure	Last Duration
		<a href="#">Install-Nginx</a>	N/A	N/A	N/A

Icons: S M L

Add description

REST API Jenkins 2.492.2

