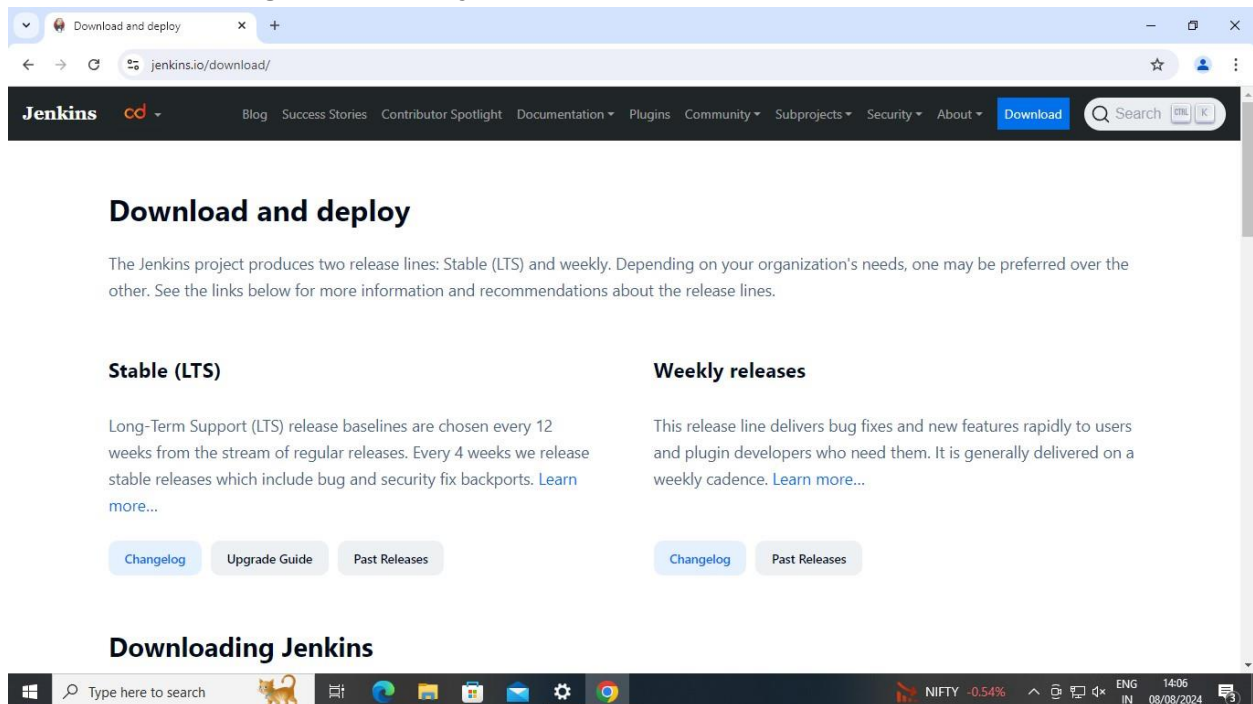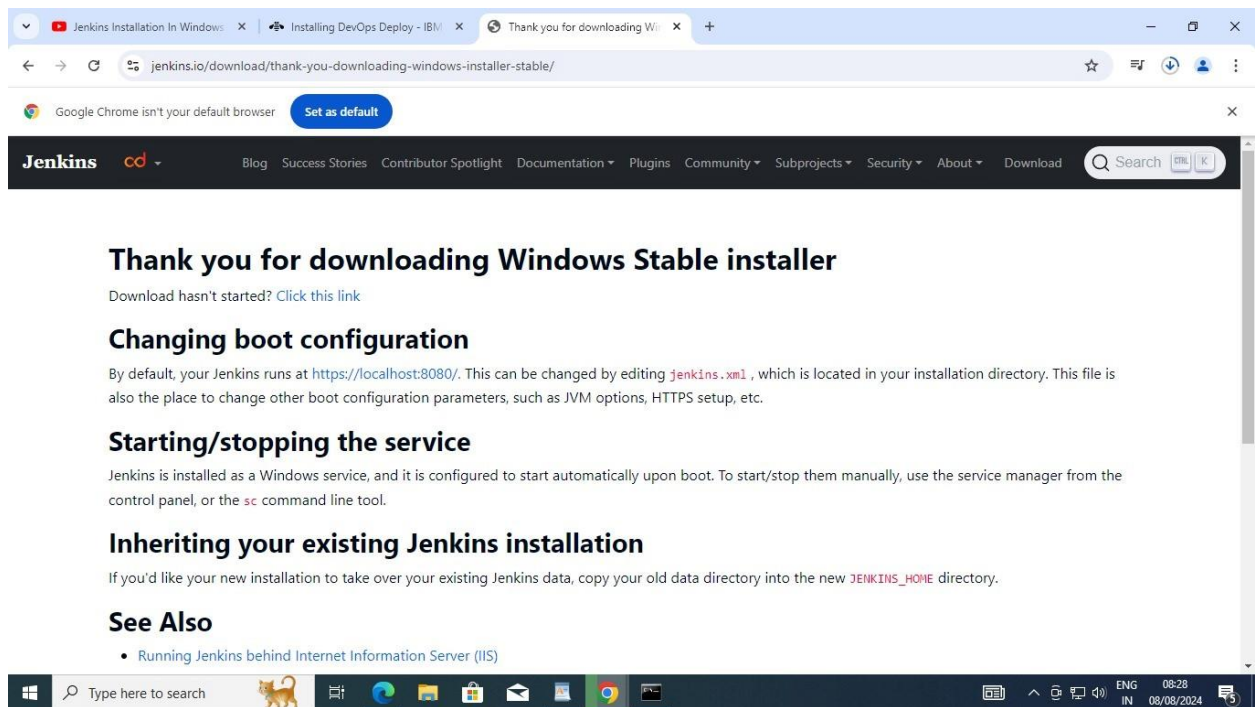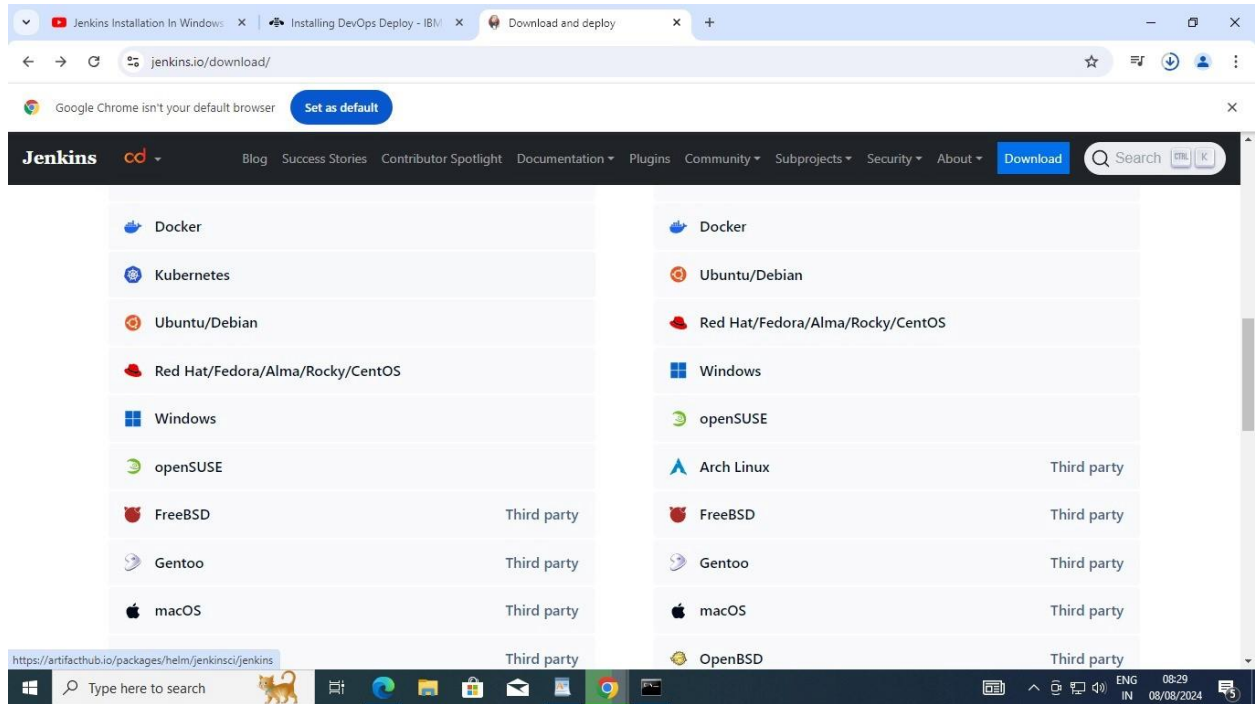Deep Chavan
T11 15

DEVOPS ASSIGNMENT 4

Aim: To install Jenkins on your PC

Theory: Jenkins is a tool used for automating parts of the software development process. Specifically, it helps with continuous integration and continuous delivery (CI/CD). This means Jenkins can automatically build, test, and deploy code changes, making it easier for developers to deliver updates quickly and reliably. It helps streamline workflows and catch issues early by integrating various tools and running tasks on code changes.
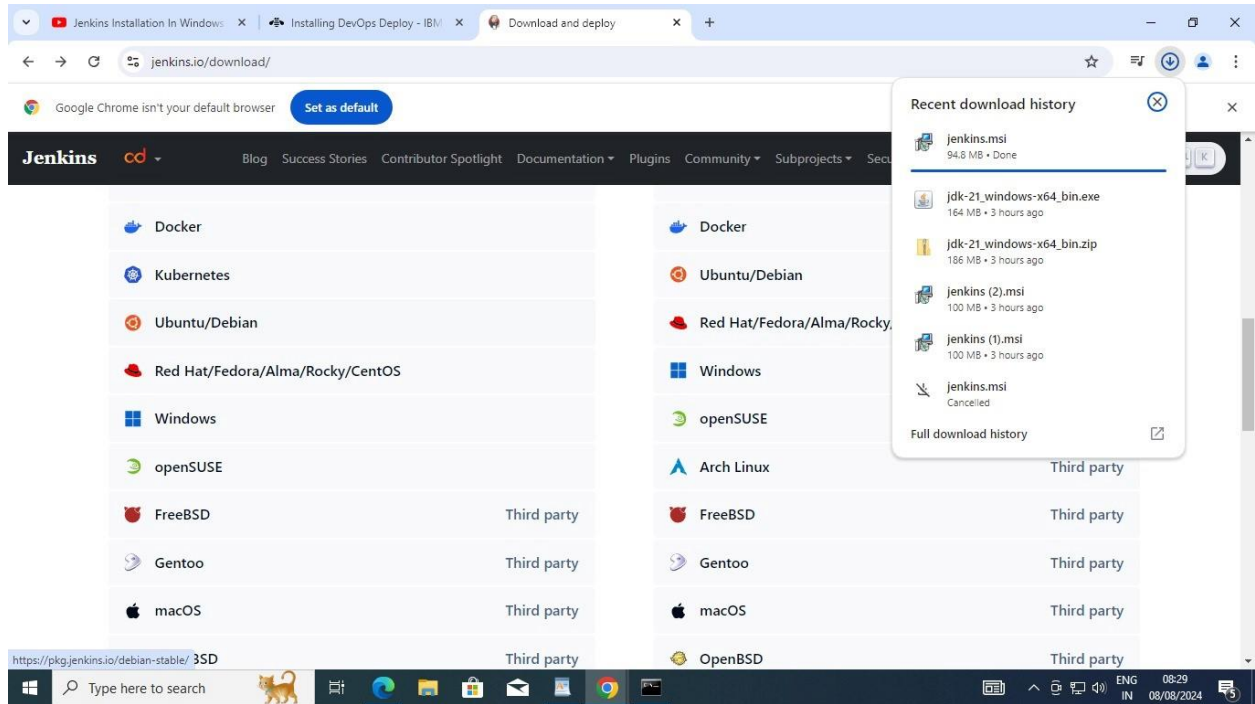
Steps for Installation of Jenkins:

1) **Visit this website and download https://www.jenkins.io/download/ and select windows which will redirect you to the download page and the file will start downloading automatically.**
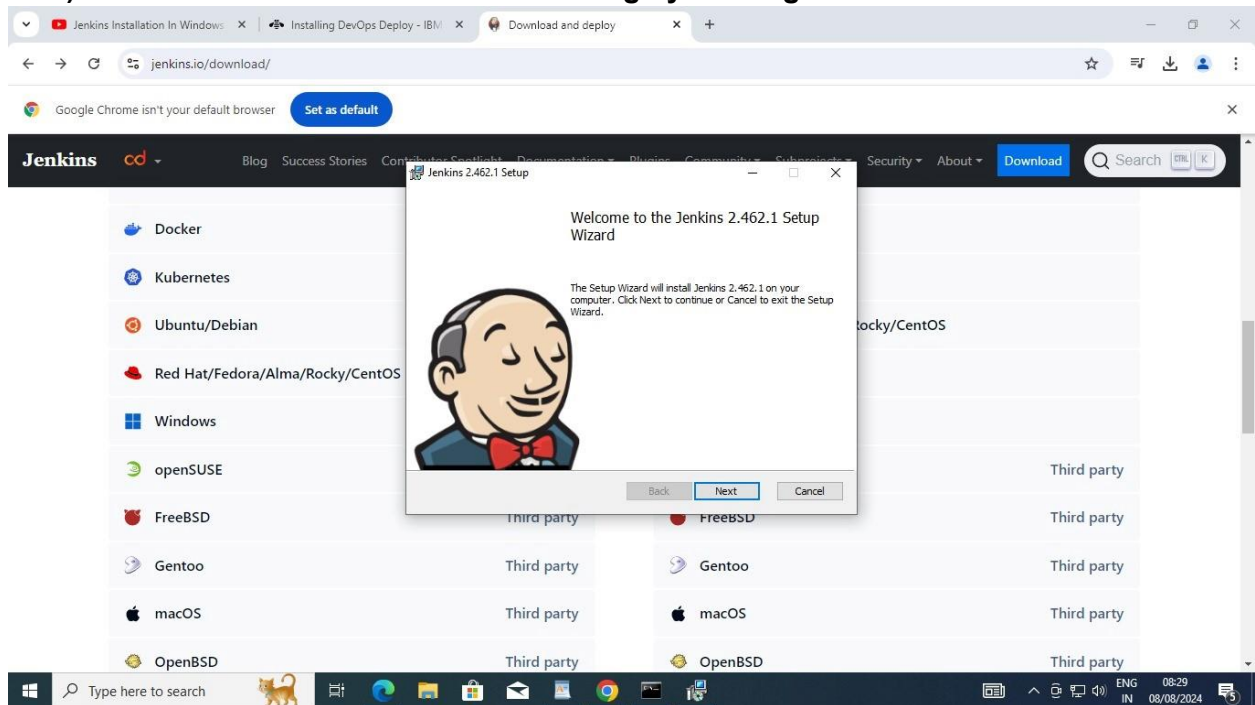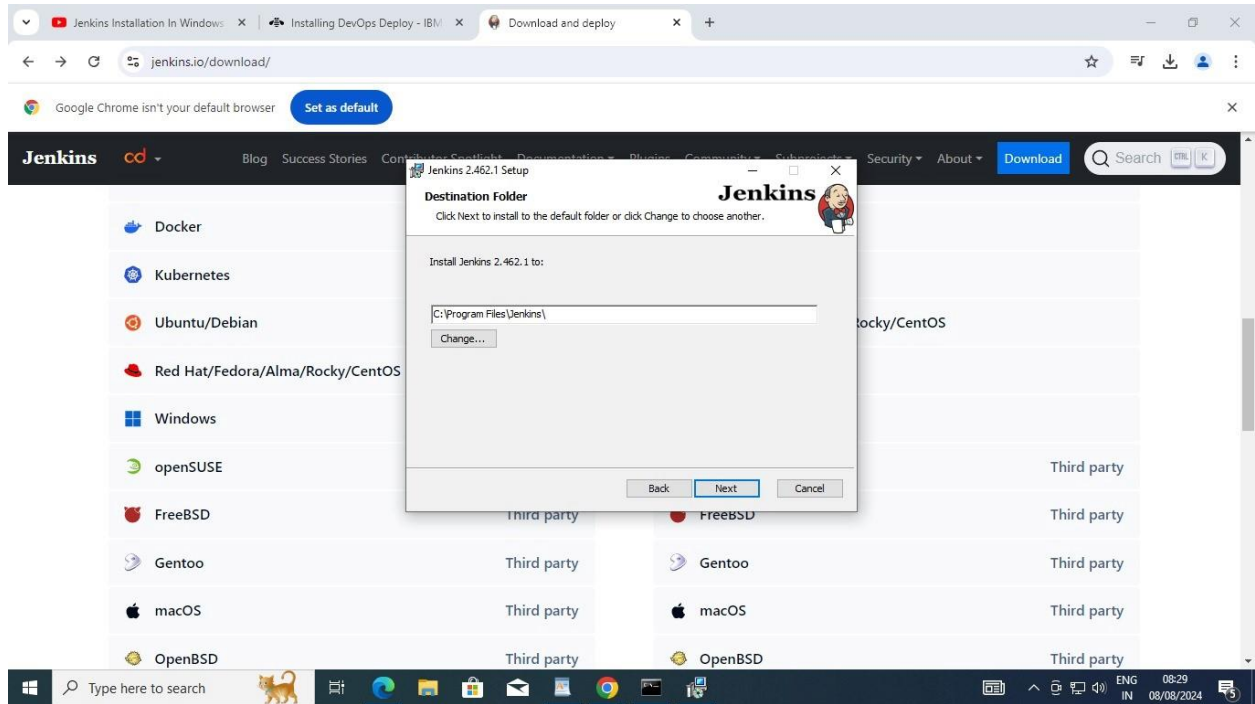
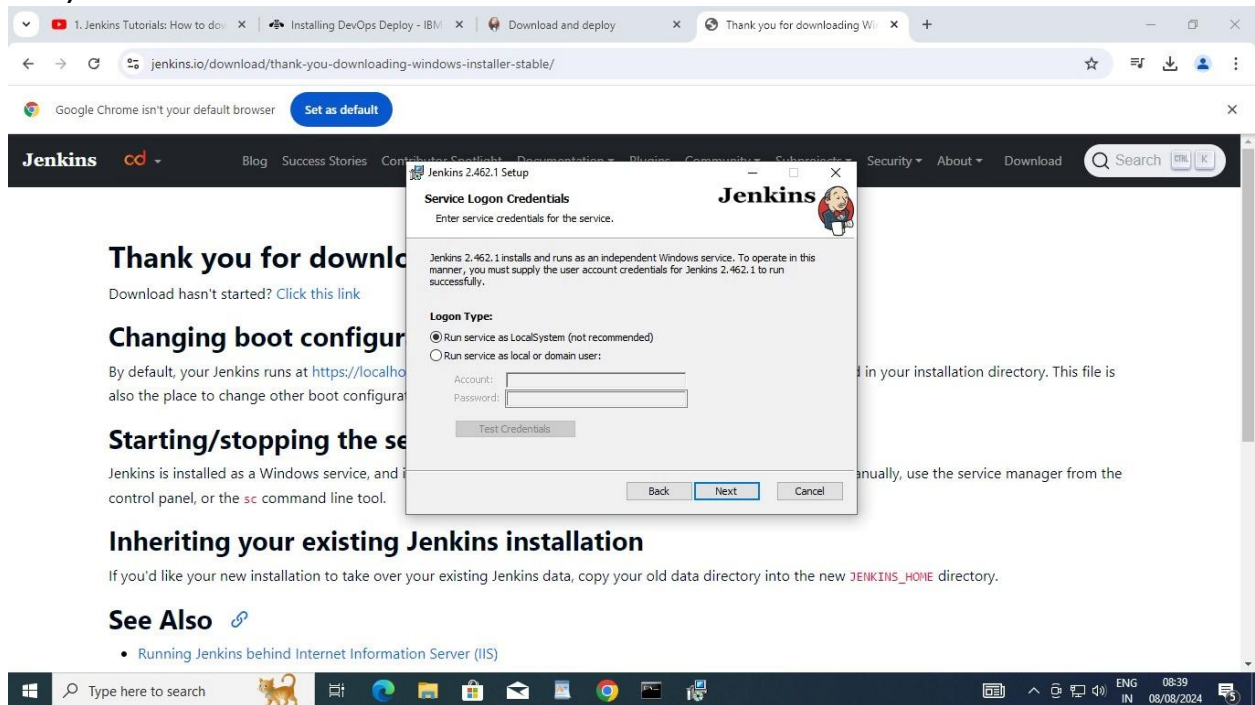**2) Download has been completed as seen in below screenshot**

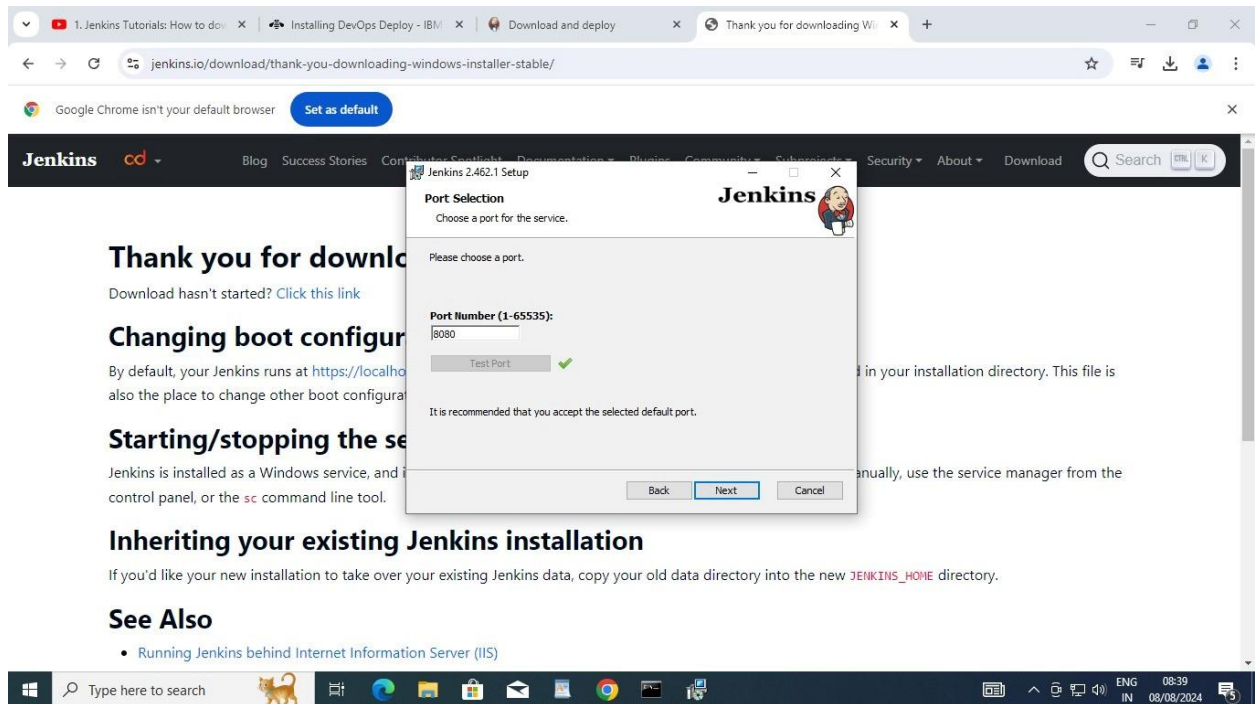## 3) Click on the exe file and start installing by clicking NEXT

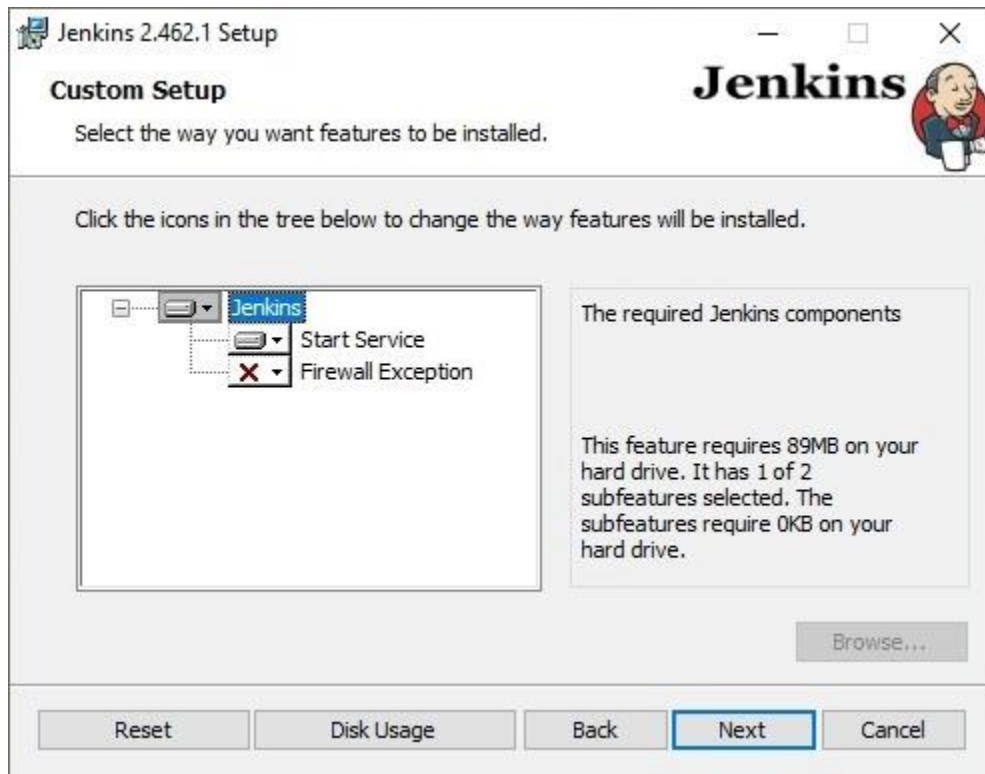## 4) Then change the path to the path where your jdk folder is located. Click on NEXT

5) Here select 'Run service as LocalHost' and click next

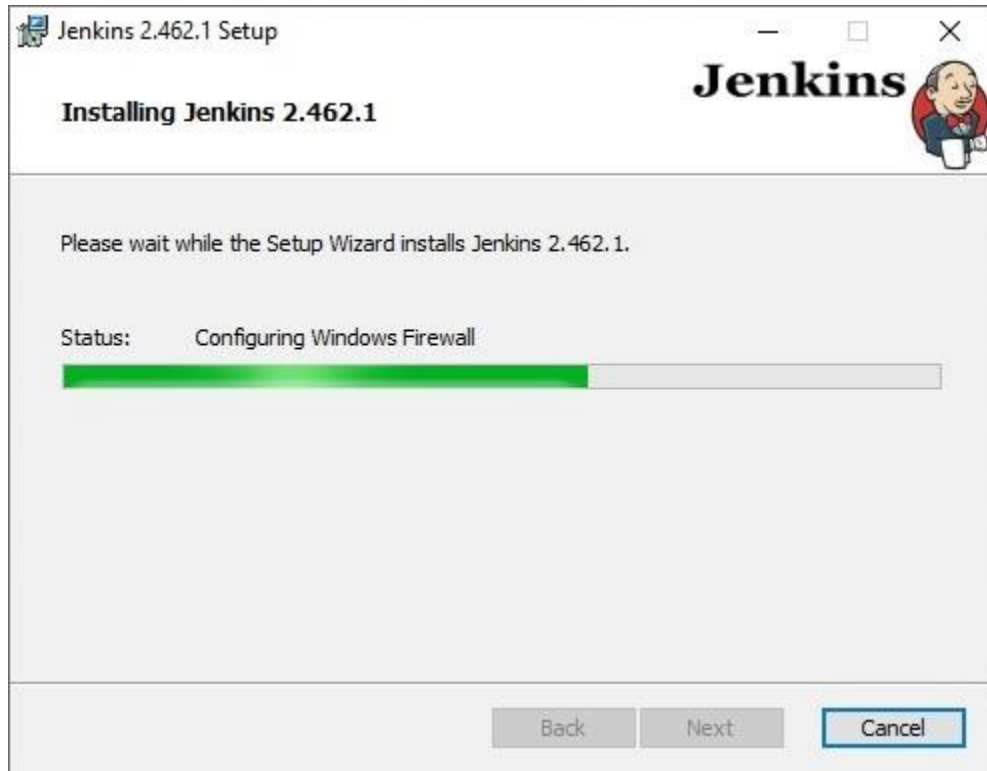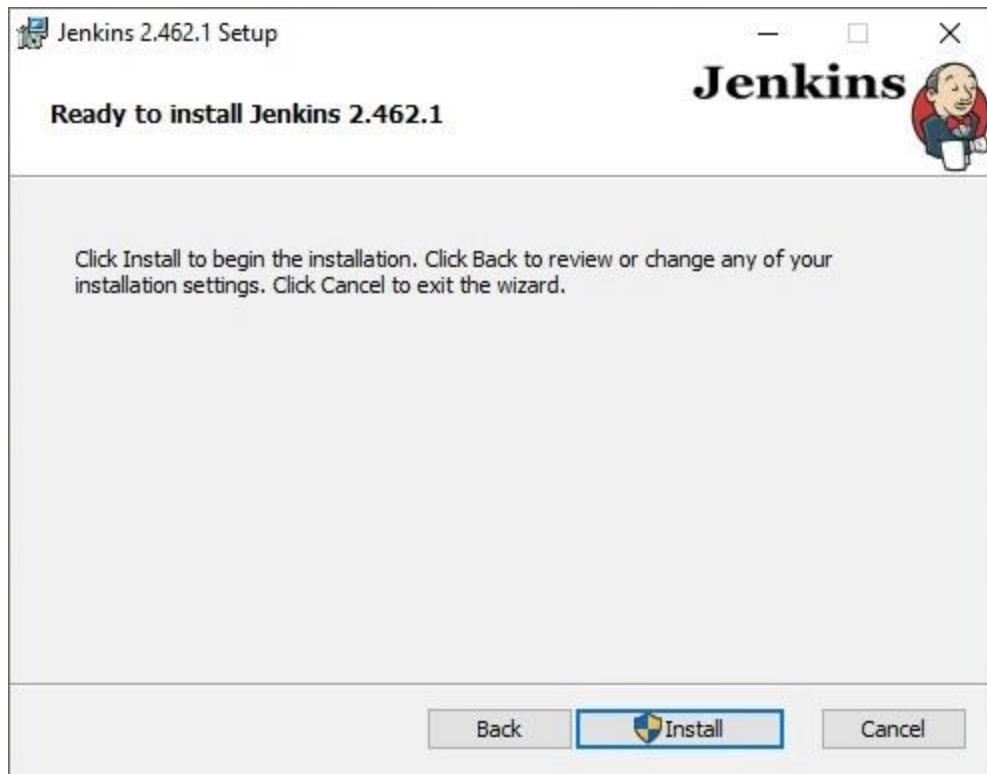**6) In the next screen click on 'Test Port' and remember your port number. Then click NEXT**

7) In the next screen click on the firewall drop down and select 'Will be installed on Local Hard Drive'. Then click next

8) Click on Install now

Jenkins 2.462.1 Setup

Ready to install Jenkins 2.462.1

Jenkins

Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.

Back   🛡 Install   Cancel

Jenkins 2.462.1 Setup

Installing Jenkins 2.462.1

Jenkins

Please wait while the Setup Wizard installs Jenkins 2.462.1.

Status: Configuring Windows Firewall
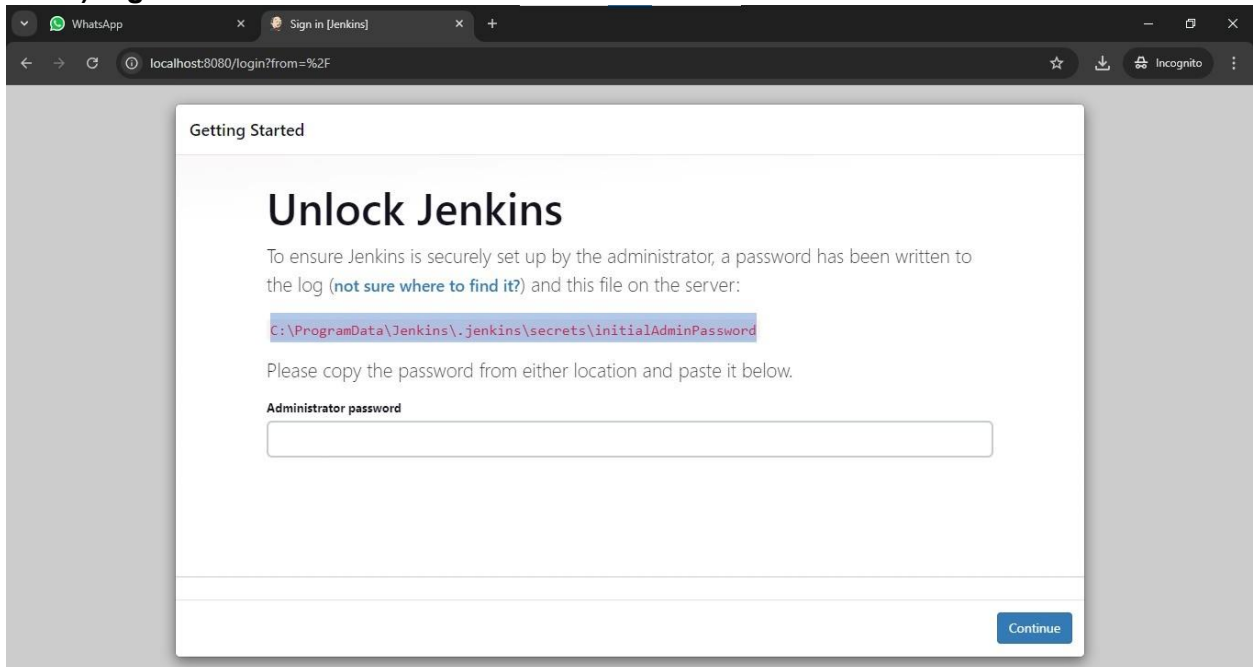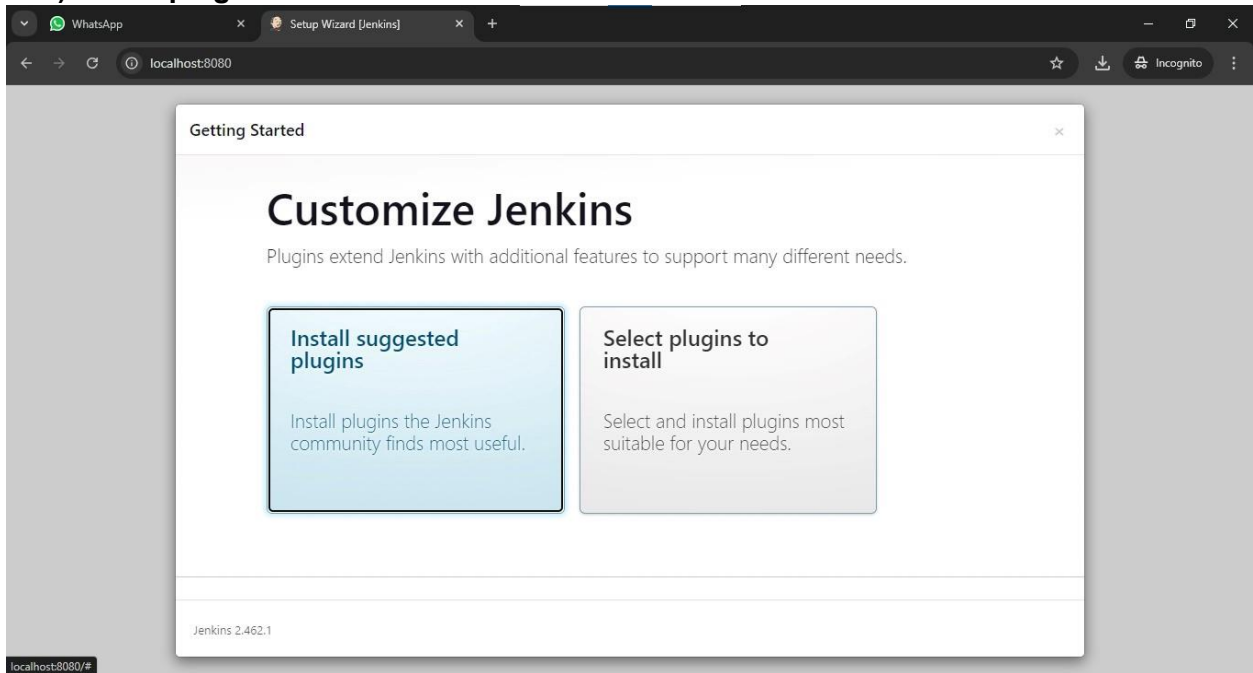
Back   Next   Cancel

9) Click on FINISH
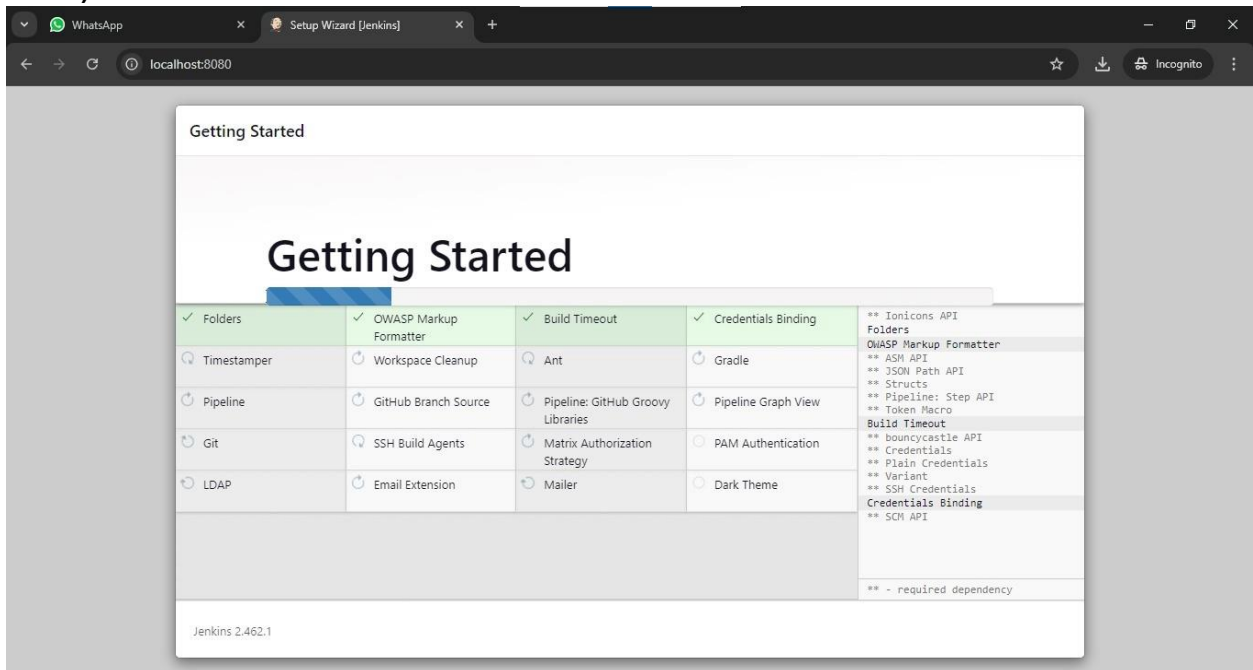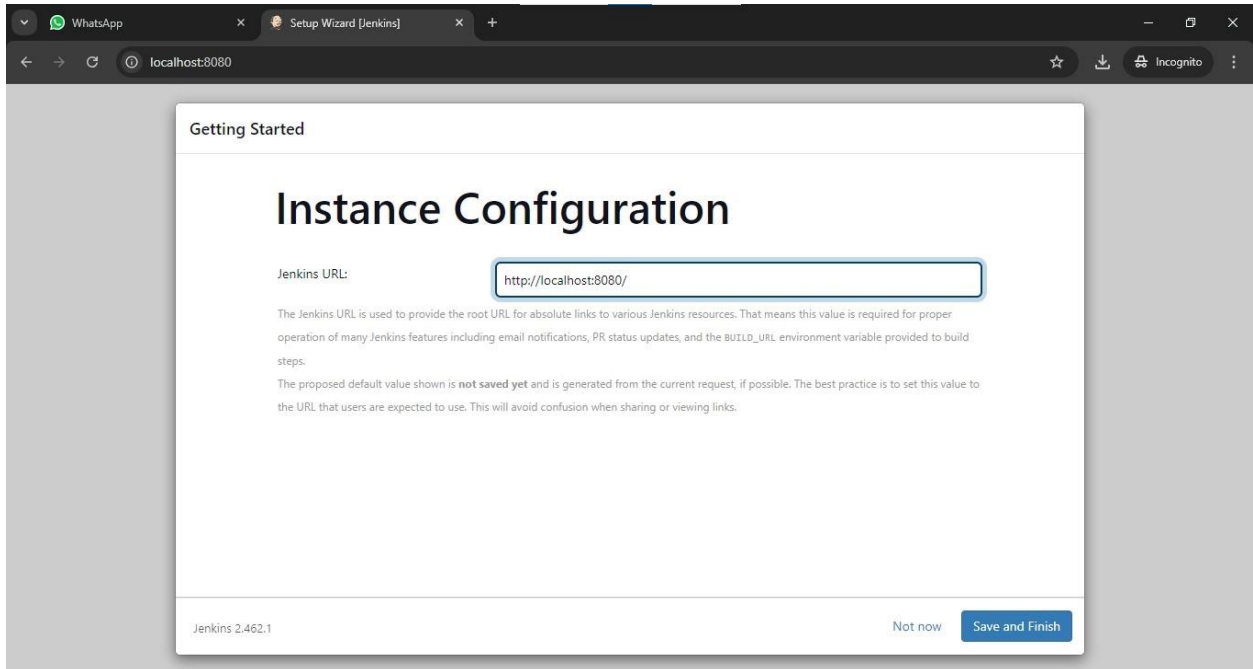

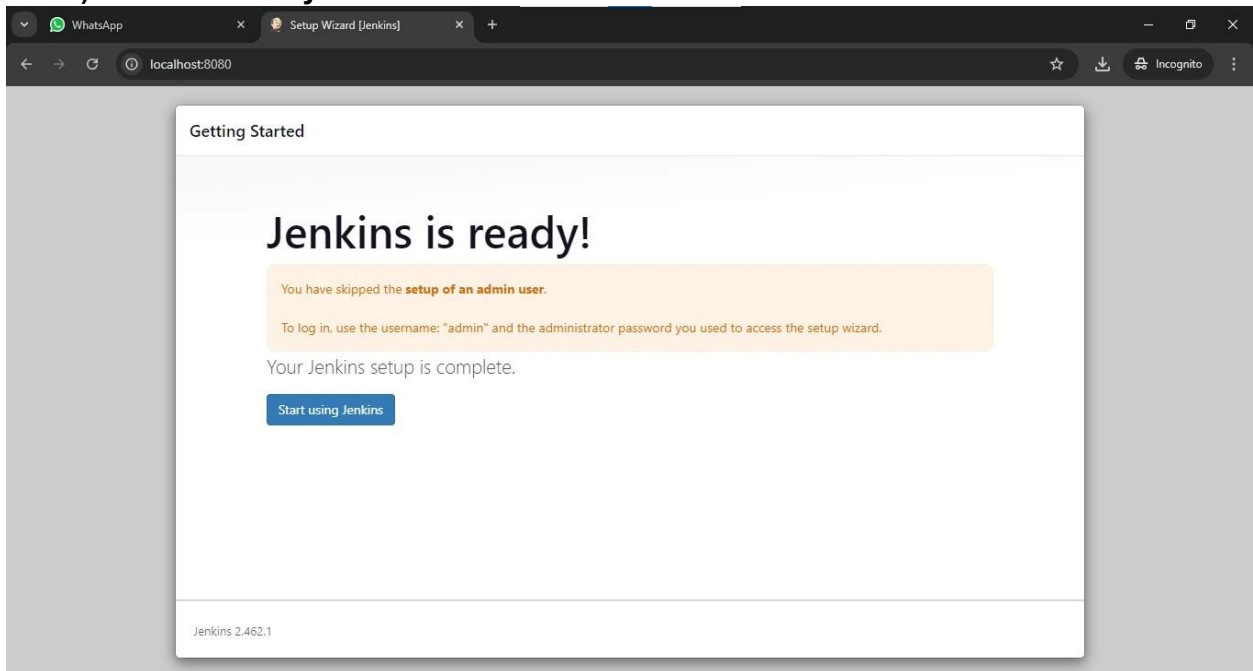## 10) Login in Jenkins

11) Install plugins

12) Installation

12) Instance configuration

13)Jenkins is ready

Jenkins

🔍 Search (CTRL+K)   ⓘ   🛡1   👤 admin ⌄   ⮕ log out

Dashboard >

+ New Item

🗄 Build History

⚙ Manage Jenkins

▢ My Views

Build Queue   ⌄

No builds in the queue.

Build Executor Status   ⌄

1   Idle

2   Idle

✏ Add description

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job	+

Set up a distributed build

Set up an agent	🖵
Configure a cloud	☁
Learn more about distributed builds	ⓘ