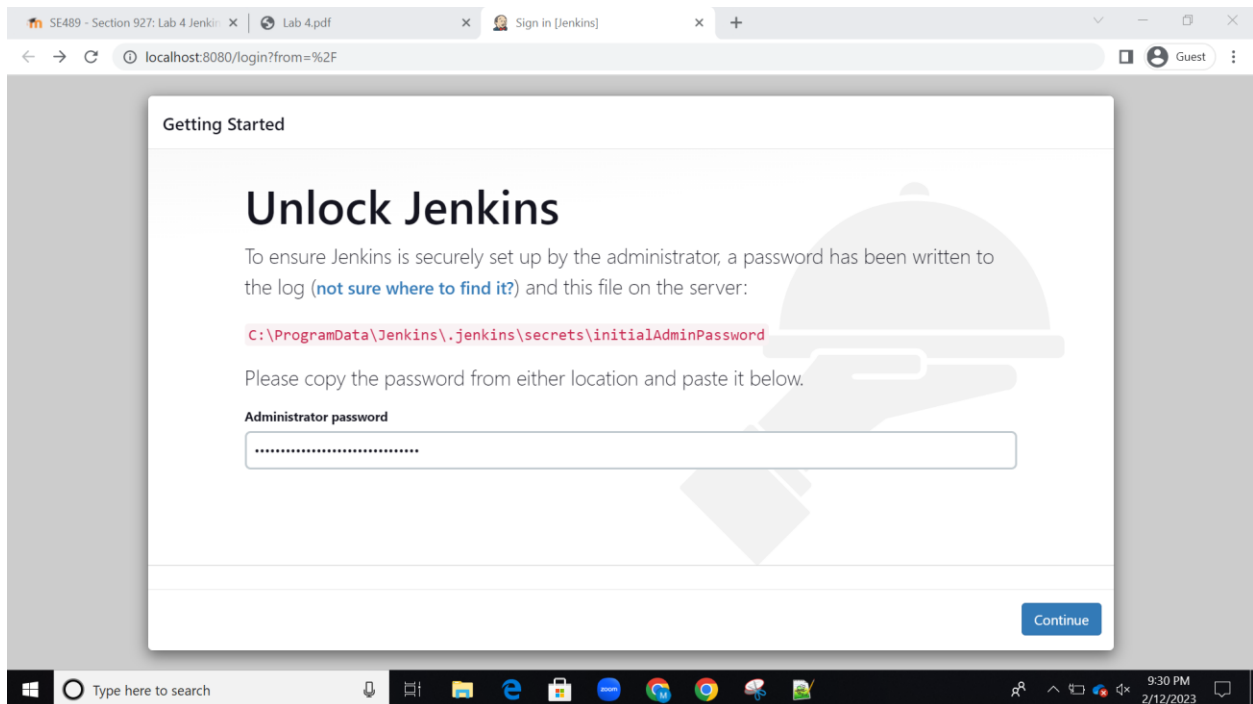


# Lab 4 - Jenkins

Name: Mohammed Numaan

ID: 218210835



SE489 - Section 927: Lab 4 Jenkins x Lab 4.pdf x Setup Wizard [Jenkins] x +

localhost:8080 Guest

Getting Started

# Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

## Install suggested plugins

Install plugins the Jenkins community finds most useful.

## Select plugins to install

Select and install plugins most suitable for your needs.

Jenkins 2.375.3

Type here to search

9:33 PM 2/12/2023

SE489 - Section 927: Lab 4 Jenkins x Lab 4.pdf x Setup Wizard [Jenkins] x +

localhost:8080 Guest

Getting Started

# Create First Admin User

Username

Password

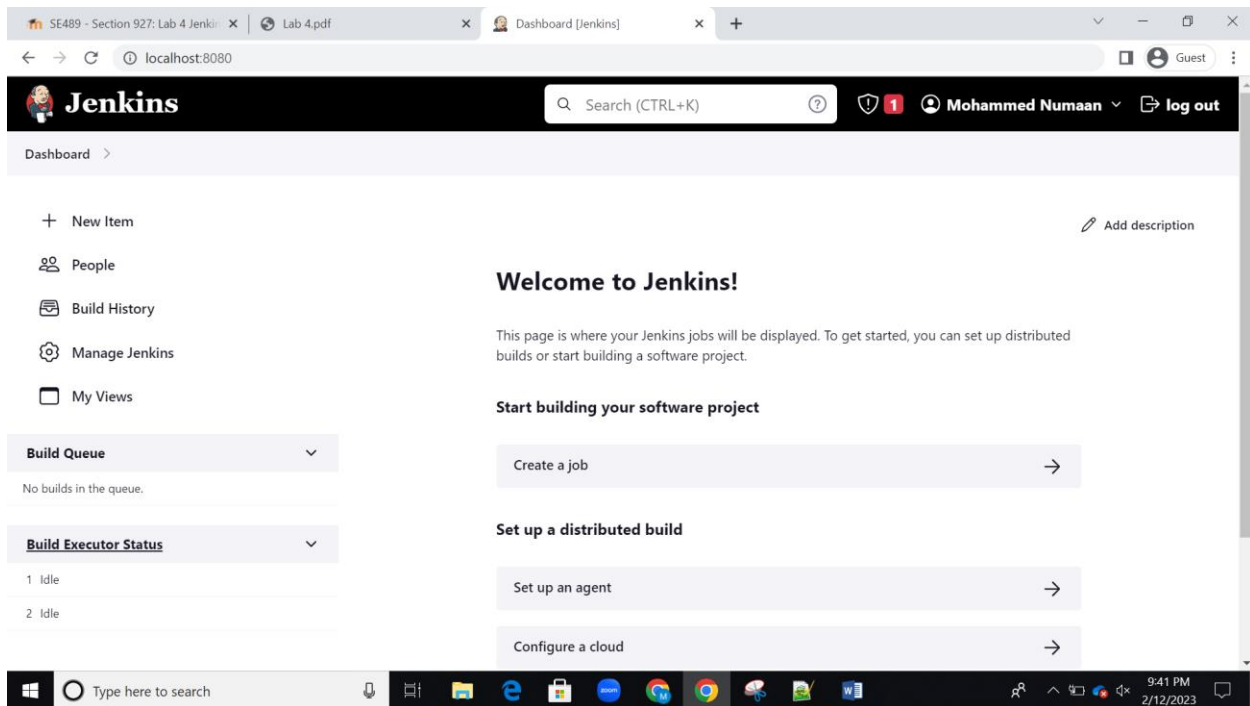
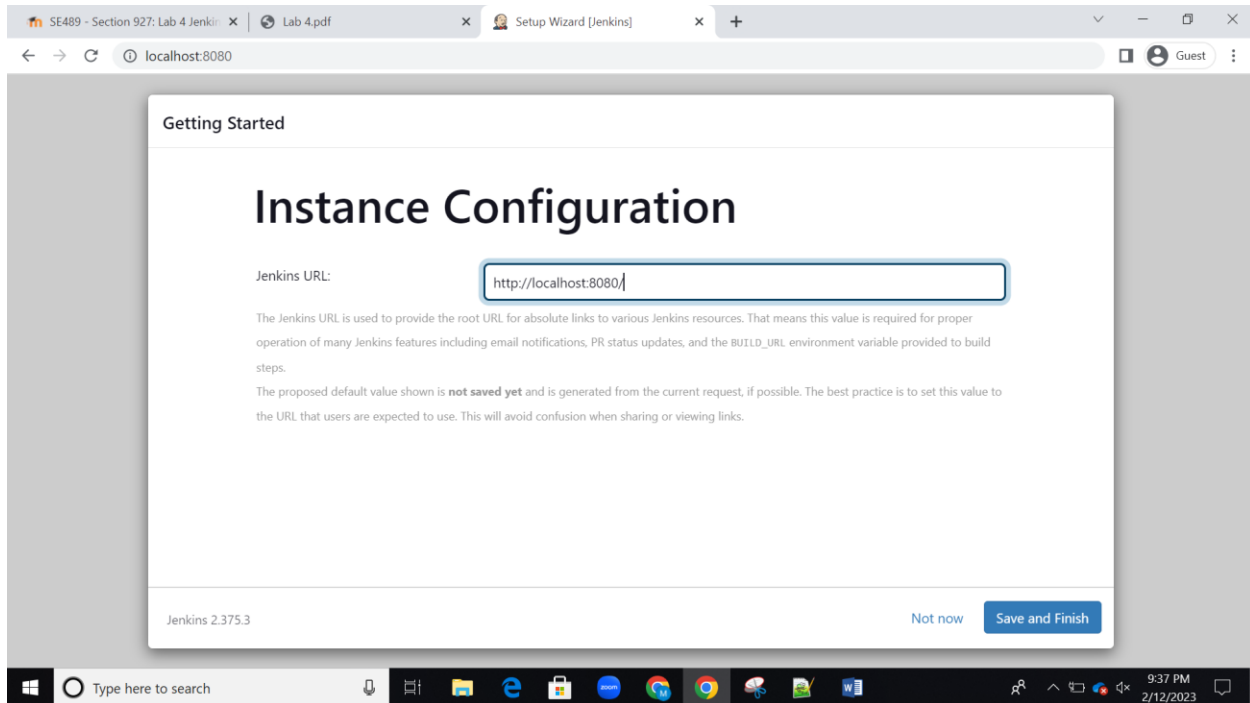
Confirm password

Jenkins 2.375.3

[Skip and continue as admin](#) [Save and Continue](#)

Type here to search

9:36 PM 2/12/2023



SE489 - Section 927: Lab 4 Jenkins x Lab 4.pdf x New Item [Jenkins] x +

localhost:8080/view/all/newJob

Guest

# Jenkins

Search (CTRL+K)


Mohammed Numaan log out

Dashboard > All >


## Enter an item name

Hello Jenkins


» Required field

**Freestyle project**

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

**Pipeline**

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**

Projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

Windows taskbar: Type here to search, 9:42 PM 2/12/2023

SE489 - Section 927: Lab 4 Jenkins x Lab 4.pdf x Hello Jenkins Config [Jenkins] x +

localhost:8080/job/Hello%20Jenkins/configure

Guest

# Jenkins

Search (CTRL+K)

Mohammed Numaan log out

Dashboard > Hello Jenkins > Configuration

## Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

## General

Enabled ☒

Description

My first Jenkins project.

[Plain text] [Preview](#)

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

☐ Throttle builds ?

[Save](#) [Apply](#)

Windows taskbar: Type here to search, 9:46 PM 2/12/2023

SE489 - Section 927: Lab 4 Jenkins x Hello Jenkins Config [Jenkins] x +

localhost:8080/job/Hello%20Jenkins/configure

Guest (2)

Dashboard > Hello Jenkins > Configuration

## Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

### Build Steps

Execute Windows batch command ?

Command

See [the list of available environment variables](#)

Advanced...

Add build step ▾

### Post-build Actions

Save Apply

SE489 - Section 927: Lab 4 Jenkins x Hello Jenkins [Jenkins] x +

localhost:8080/job/Hello%20Jenkins/

Guest (2)

Jenkins

Search (CTRL+K)

1

Mohammed Numaan

log out

Dashboard > Hello Jenkins >

## Project Hello Jenkins

My first Jenkins project.

Edit description

Disable Project


### Permalinks

### Build History

trend ▾

Filter builds...

No builds


[Dashboard](#) > [Hello Jenkins](#) > [Build Now](#) [Configure](#) [Delete Project](#) [Rename](#)[Build History](#)[trend](#)   [#3](#)[Feb 12, 2023, 9:49 PM](#) [#2](#)[Feb 12, 2023, 9:49 PM](#) [#1](#)[Feb 12, 2023, 9:49 PM](#) [Atom feed for all](#)  [Atom feed for failures](#)

SE489 - Section 927: Lab 4 Jenkins


Hello Jenkins #2 Console [Jenkins]

localhost:8080/job/Hello%20Jenkins/2/console

Guest (2)

 **Jenkins**

Search (CTRL+K)

 1

Mohammed Numaan

log out

Dashboard > Hello Jenkins > #2

Status

Changes

Console Output


View as plain text

Edit Build Information

Delete build '#2'

Previous Build

Next Build

 **Console Output**

Started by user Mohammed Numaan

Running as SYSTEM

Building in workspace C:\ProgramData\Jenkins\.jenkins\workspace\Hello Jenkins

[Hello Jenkins] \$ cmd /c call C:\WINDOWS\TEMP\jenkins6155997144548362515.bat


C:\ProgramData\Jenkins\.jenkins\workspace\Hello Jenkins>exit 0

Finished: SUCCESS

REST API Jenkins 2.375.3

Windows logo

Type here to search



9:50 PM 2/12/2023