## **Lab Exercise 6.2**

# **Creating a New Jenkins Job to Checkout Source Code**

**Objective:** To set up a Jenkins job to manage source code, specifically by configuring the

Source Code Management section to check out code from a Git repository

Tools required: Jenkins

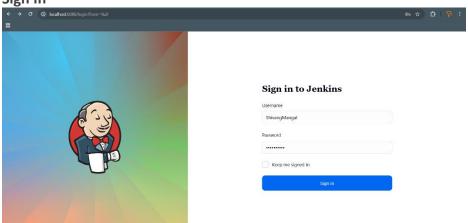
Prerequisites: Jenkins must be operational.

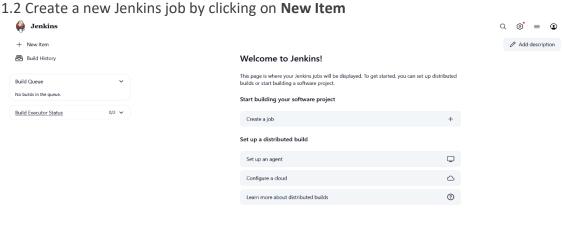
#### Steps to be followed:

- 1. Log in and create a Jenkins job
- 2. Configure source code management

## Step 1: Log in and create a Jenkins job

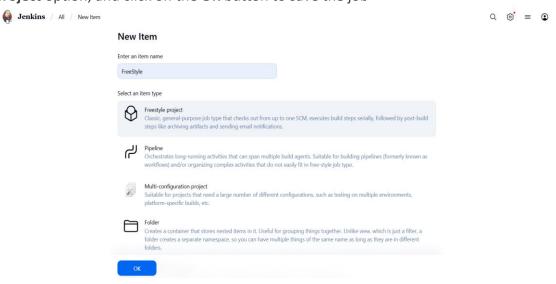
1.1 Navigate to localhost:8080 in your web browser, enter your credentials, and click on





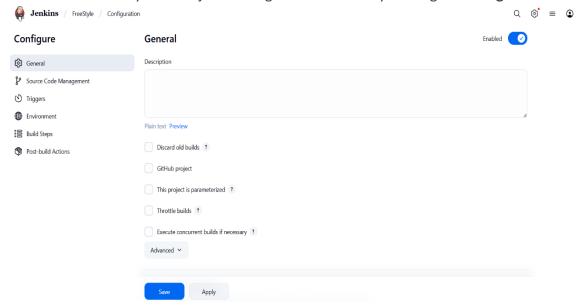
Jenkins 2.516.1

1.3 Provide custom job name inside the field **Enter an item name**, select the **Freestyle project** option, and click on the **OK** button to save the job

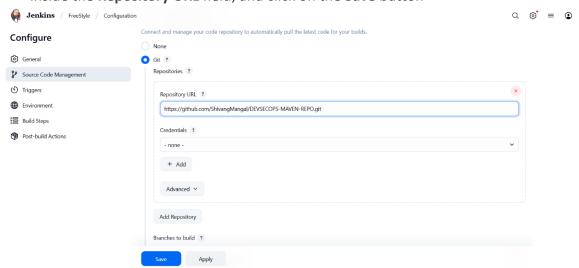


### Step 2: Configure source code management

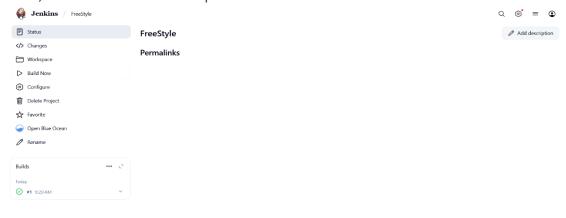
2.1 Access the newly created job's configuration screen by clicking on Configure



2.2 Navigate to the **Source Code Management** tab, provide Git repository configuration inside the **Repository URL** field, and click on the **Save** button



2.3 Then, click on the Build Now option to schedule a build



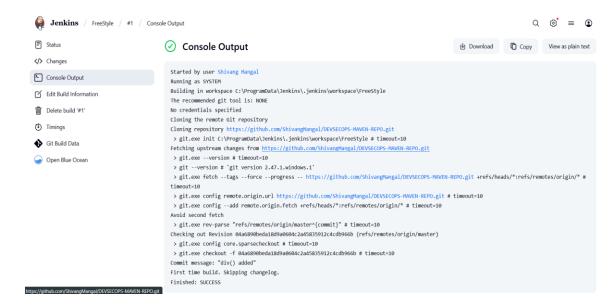
2.4 To schedule the build, click the required link under Permalinks



REST API

Jenkins 2.516.1

2.5 Click on Console Output to check out the process during the build process



By following these steps, you have successfully set up a Jenkins job to automatically check out source code from a Git repository, enabling seamless integration and automation in your CI/CD pipeline.