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.

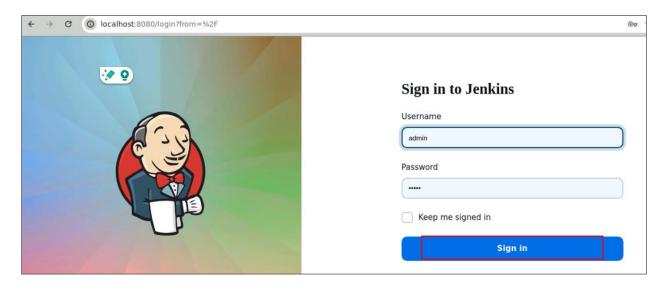
Steps to be followed:

1. Log in and create a Jenkins job

2. Configure source code management

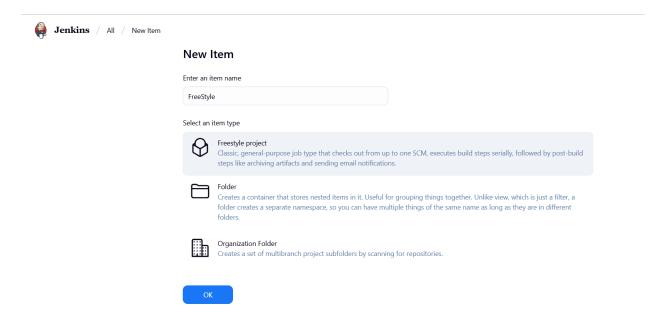
Step 1: Log in and create a Jenkins job

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

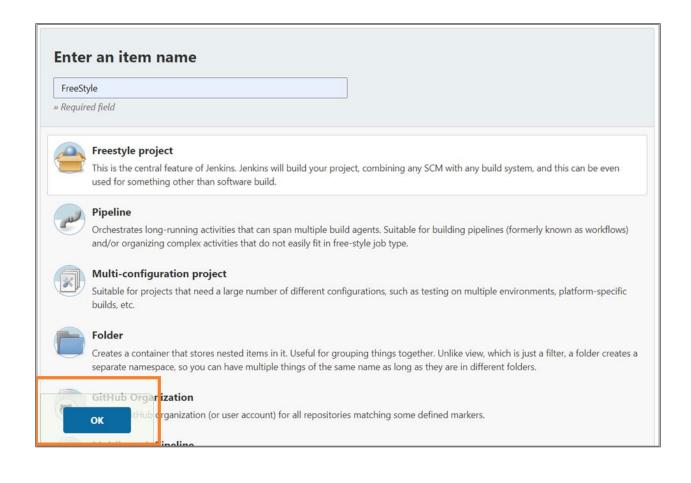


Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.

1.2 Create a new Jenkins job by clicking on New Item

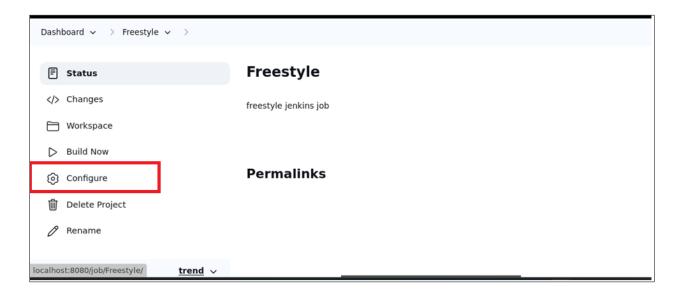


1.3 Provide custom job name inside the field **Enter an item name**, select the **Freestyle project** option, and click on the **OK** button to save the job

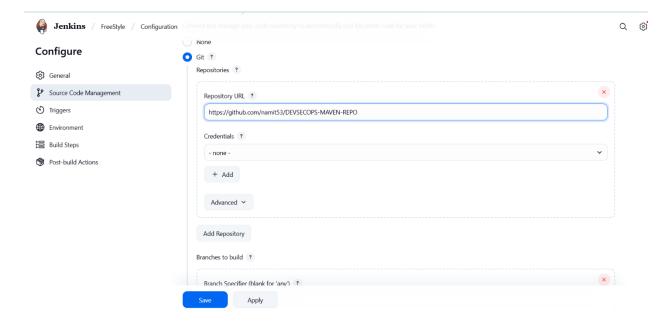


Step 2: Configure source code management

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



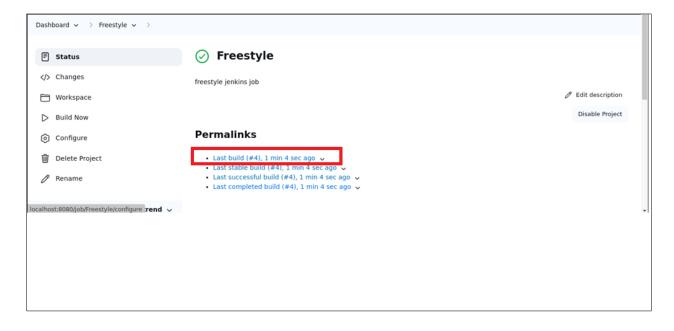
2.2 Navigate to the **Source Code Management** tab, provide Git repository configuration inside the **Repository URL** field, and click on the **Save** button



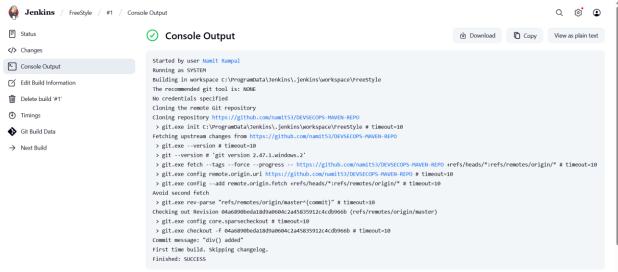
2.3 Then, click on the Build Now option to schedule a build



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



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.