**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. Login and create a Jenkins job
2. Configure source code management

**Step 1: Login and create a Jenkins job**

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

A screenshot of a login page

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

1. Create a new Jenkins job by clicking on **New Item**

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1. 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

A screenshot of a computer program

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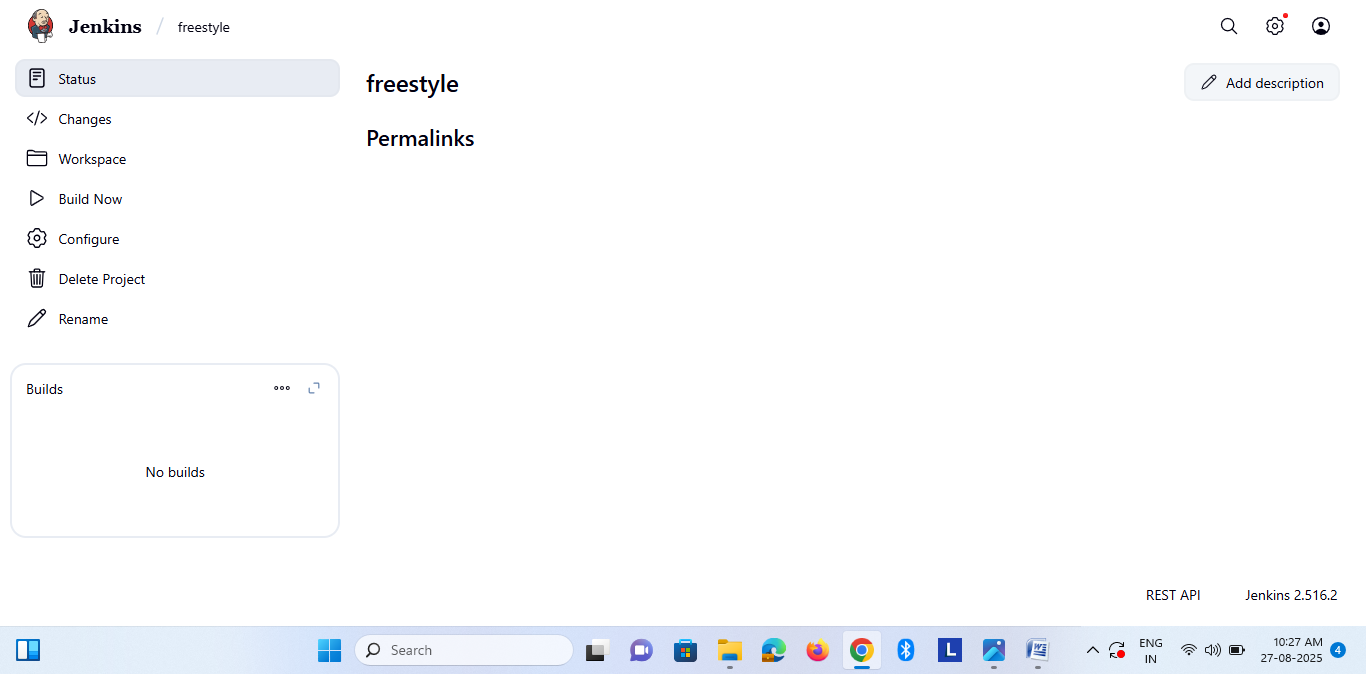
**Step 2: Configure source code management**

1. Access the newly created job's configuration screen by clicking on **Configure**

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**Output:**



1. Navigate to the **Source Code Management** tab, provide Gitrepositoryconfiguration inside the **Repository URL** field, and click on the **Save** button

A screenshot of a computer

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1. Then, click on the **Build Now** option to schedule a build

A screenshot of a computer

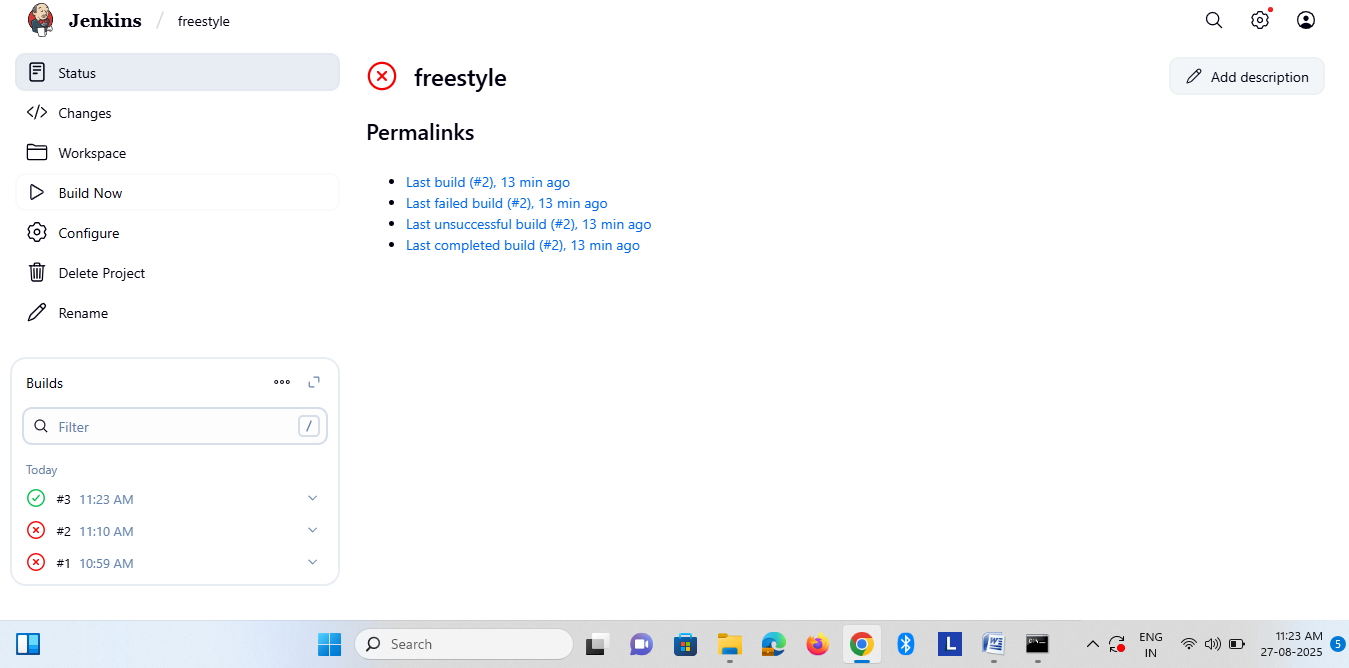
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1. To schedule the build,click the required link under **Permalinks**

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**Output:**



1. Click on **Console Output** to check out the process during the build process

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By following these steps, you havesuccessfully 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.

**Output:**

