Lab Exercise 20-A
Creating a Pipeline Script

Objective: To create a pipeline script for automating build processes in Jenkins
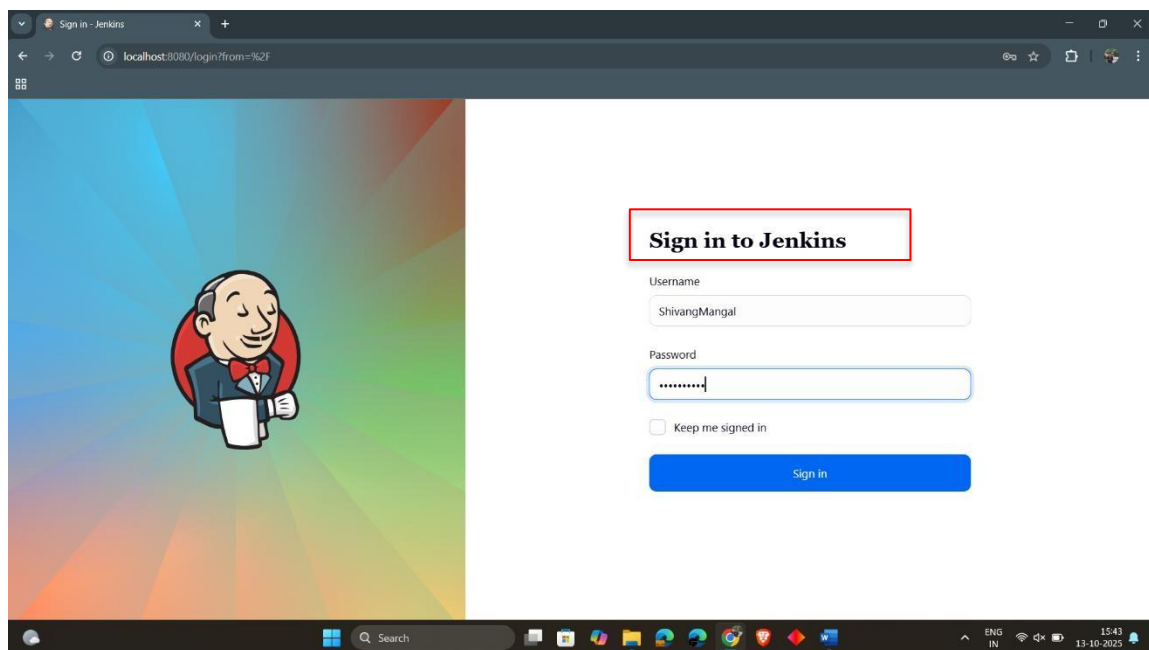**Tools required:** Jenkins
Prerequisites: None

Steps to be followed:

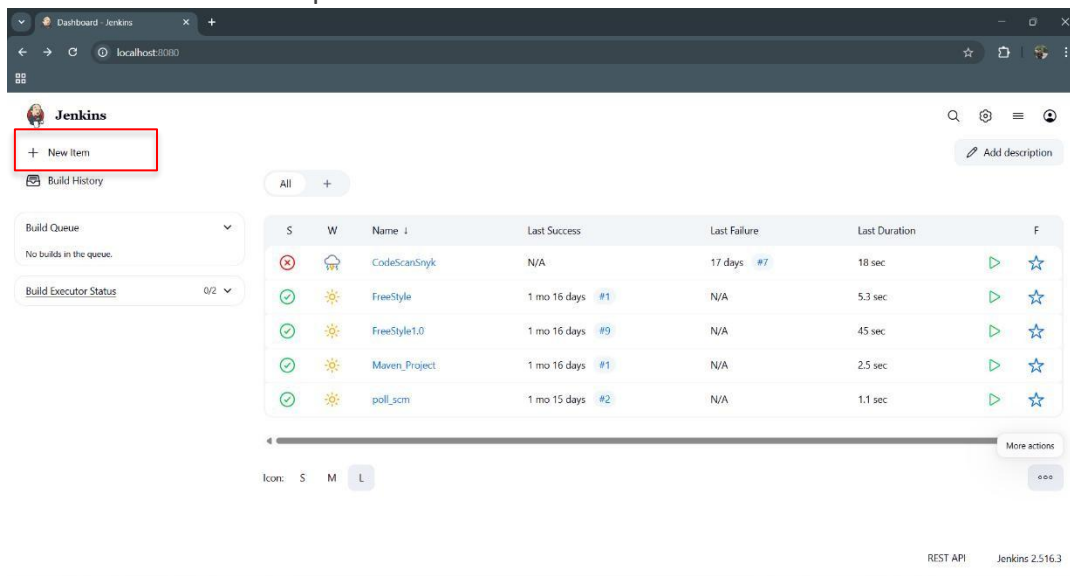1. Log in to the Jenkins CI tool and create a pipeline script

Step 1: Log in to the Jenkins CI tool and create a pipeline script

1.1 Open the browser, go to the Jenkins **Dashboard** by typing **localhost:8080** in your browser, provide the credentials, and click the **Sign in** button
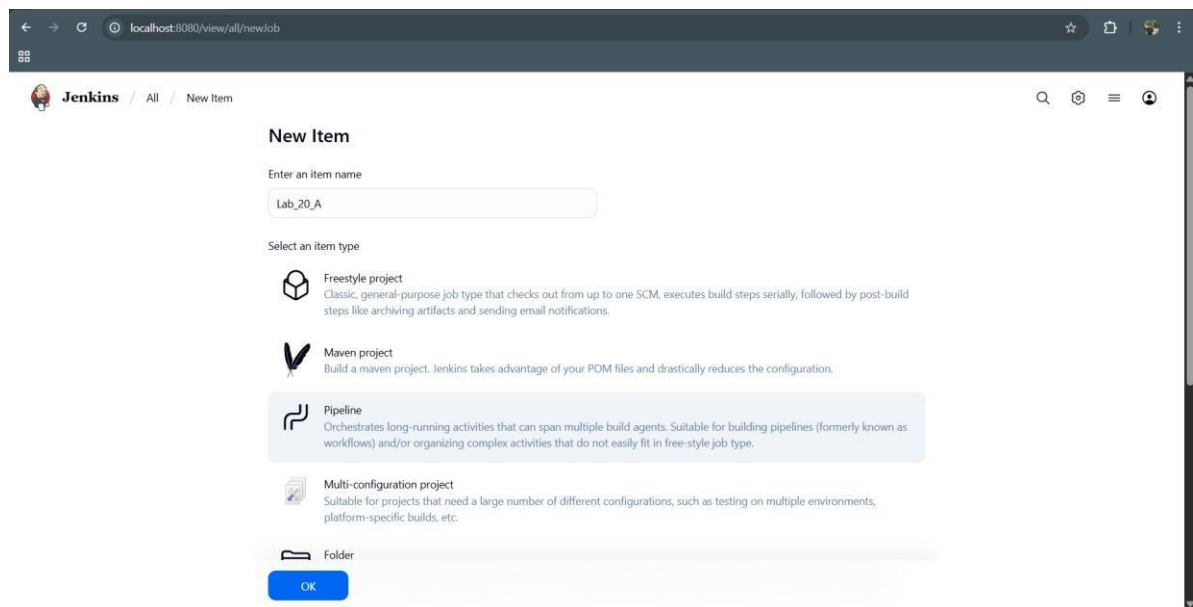

Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.
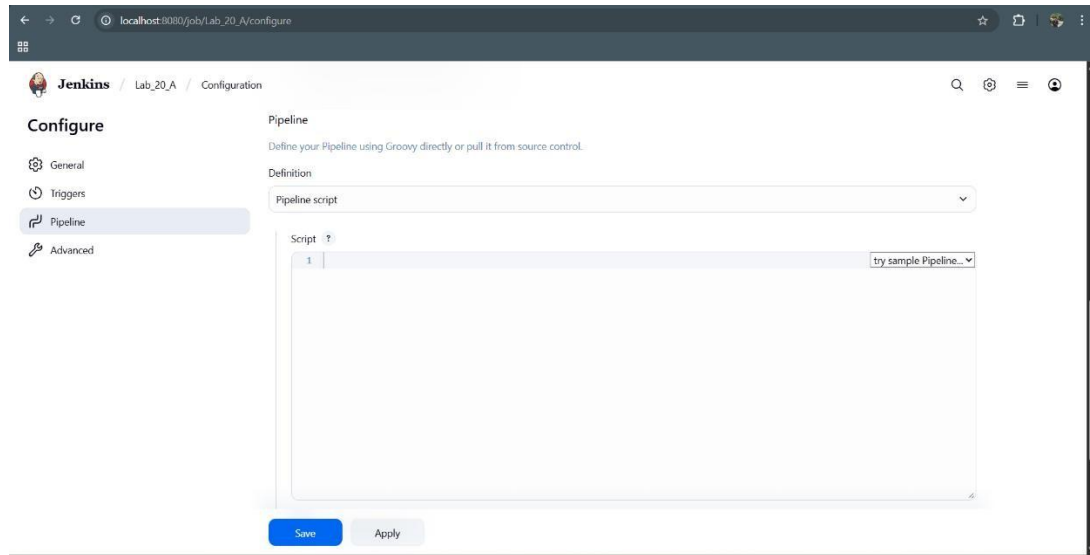
1.2 Click on the **New Item** option as shown in the screenshot below:

1.3 Enter a desired name for the project, select **Pipeline**, and then click on **OK** as shown in the screenshot below:
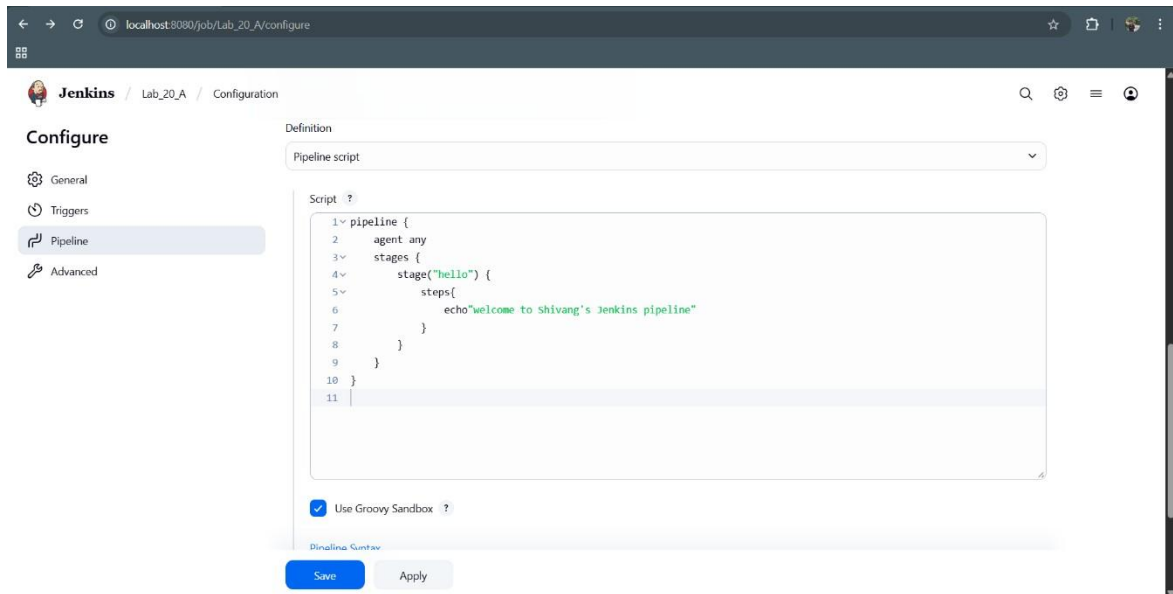
1.4 Click on **Pipeline** as shown in the screenshot below:
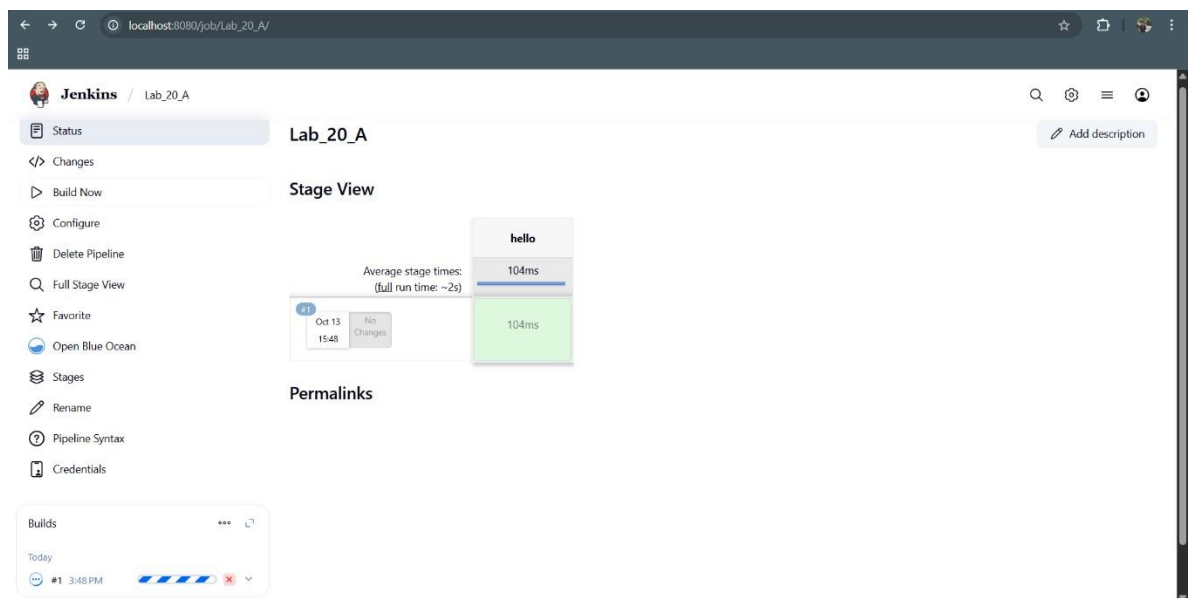

1.5 Enter the following pipeline script in the script editor and click on **Save** as shown in the
screenshot below:

```
pipeline {    agent
any    stages {
stage("hello") {
steps{
        echo"welcome to Jenkins pipeline"
   }
 }
 }
}
```
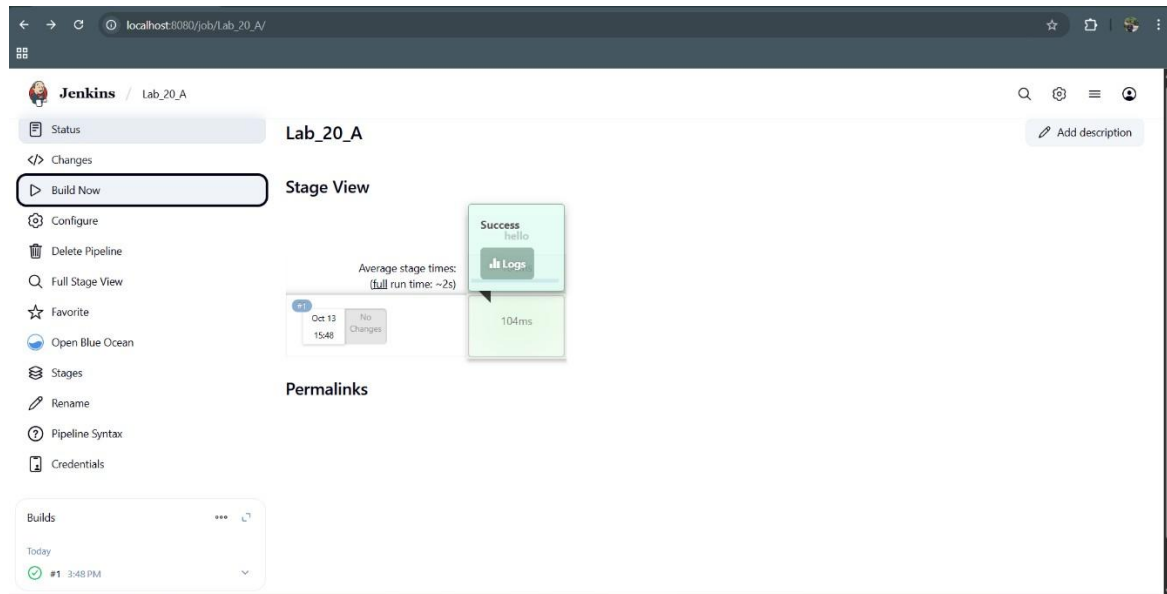
1.6 Click on **Build Now** to run the pipeline script as shown in the screenshot below:

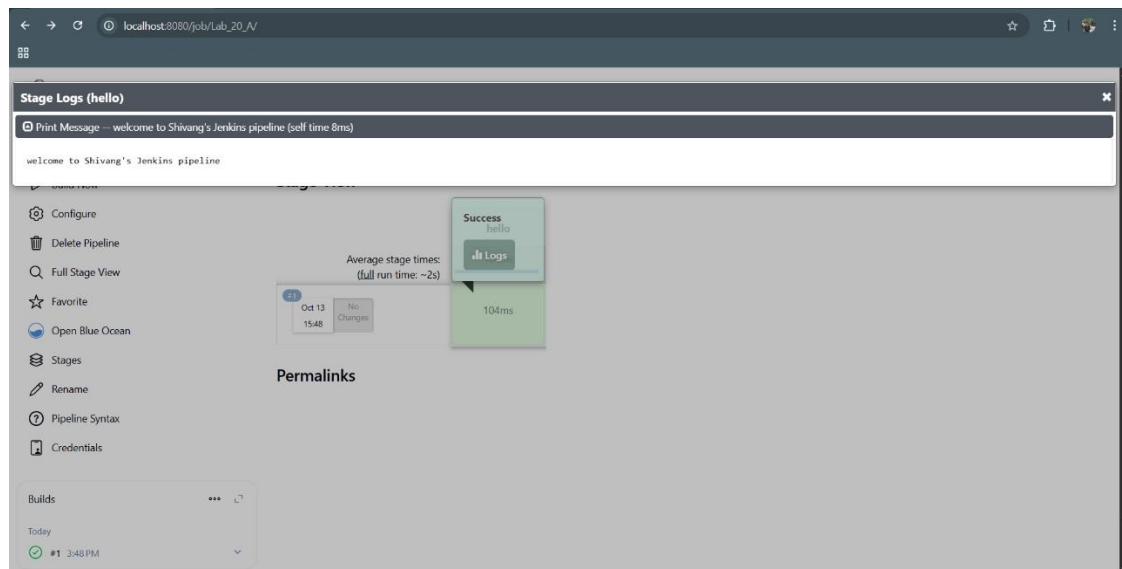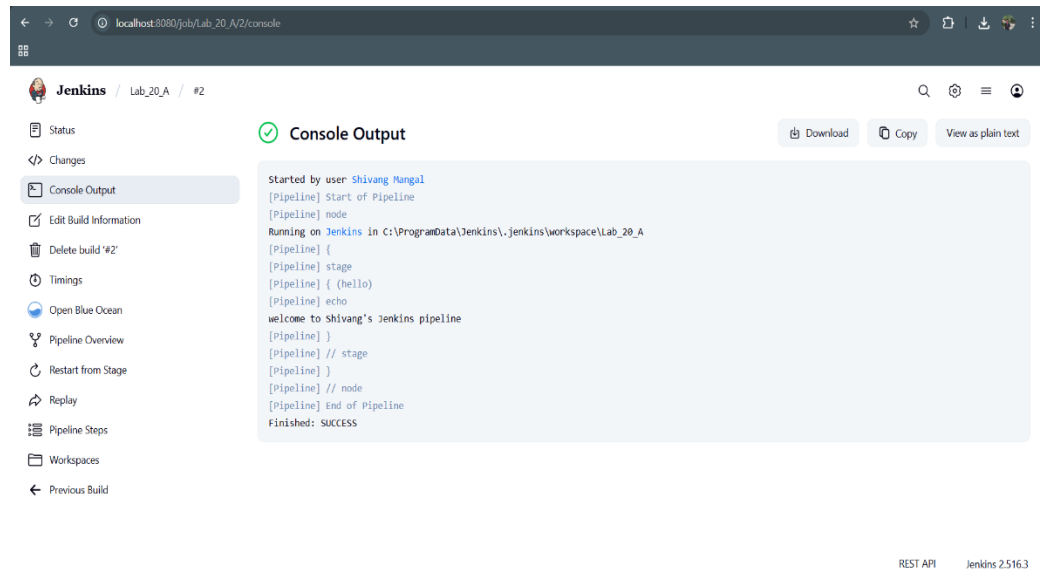1.7 Hover over the milliseconds number next to the build stage name as shown in the screenshot below:

Note: Ensure that you hover the cursor over the milliseconds number without clicking on it

1.8 Click on **Logs** as shown in the screenshot below:

1.9 Check for the message in the top-left corner to confirm the successful execution of the pipeline stage as shown in the screenshot below:

By following these steps, you have successfully created a pipeline script for automating build processes in Jenkins.