

# **Lab Exercise 20**

## **Creating a Pipeline Script**

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**Batch: Devops B1**

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**Objective:** To create a pipeline script for automating build processes in Jenkins

**Tools required:** Jenkins

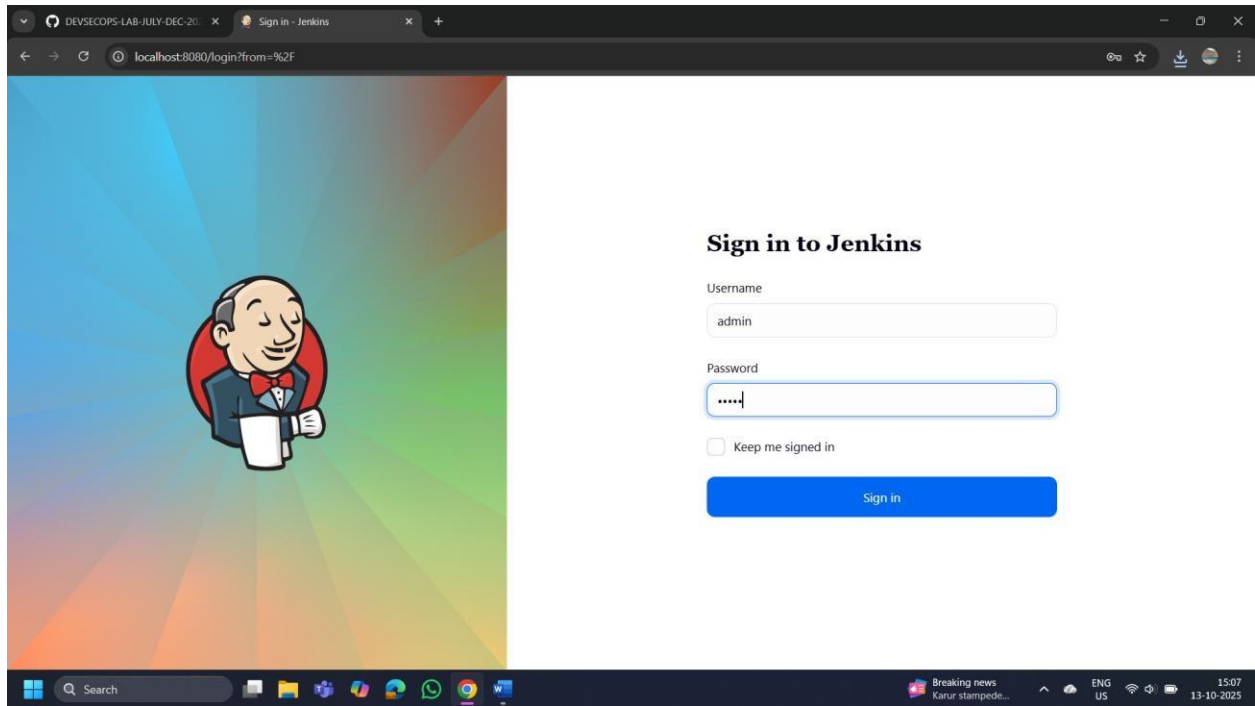
**Prerequisites:** None

### **Steps to be followed:**

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

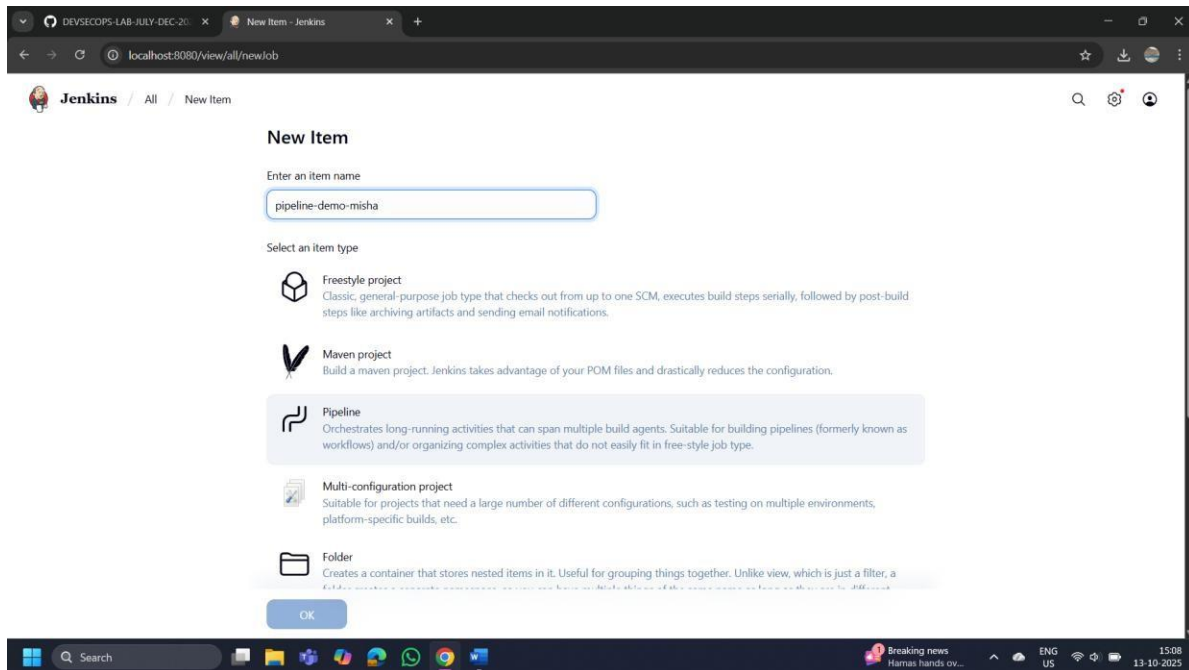
### **Step 1: Log in to the Jenkins CI tool and create a pipeline script**

- 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**

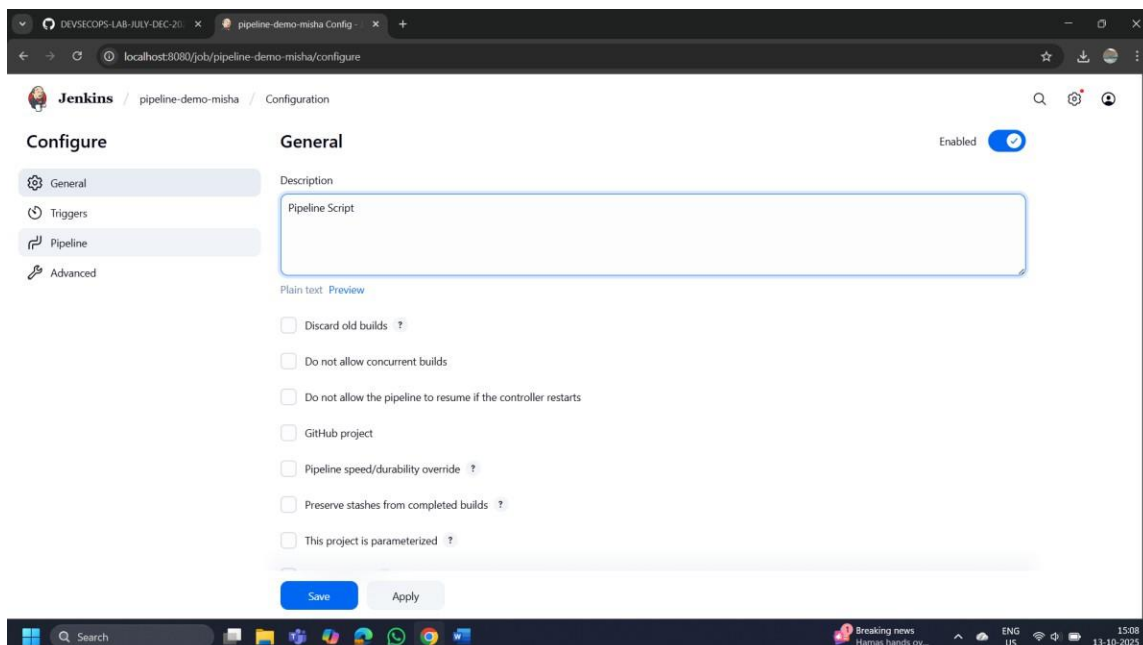


1.2 Click on the New Item option as shown in the screenshot below:

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

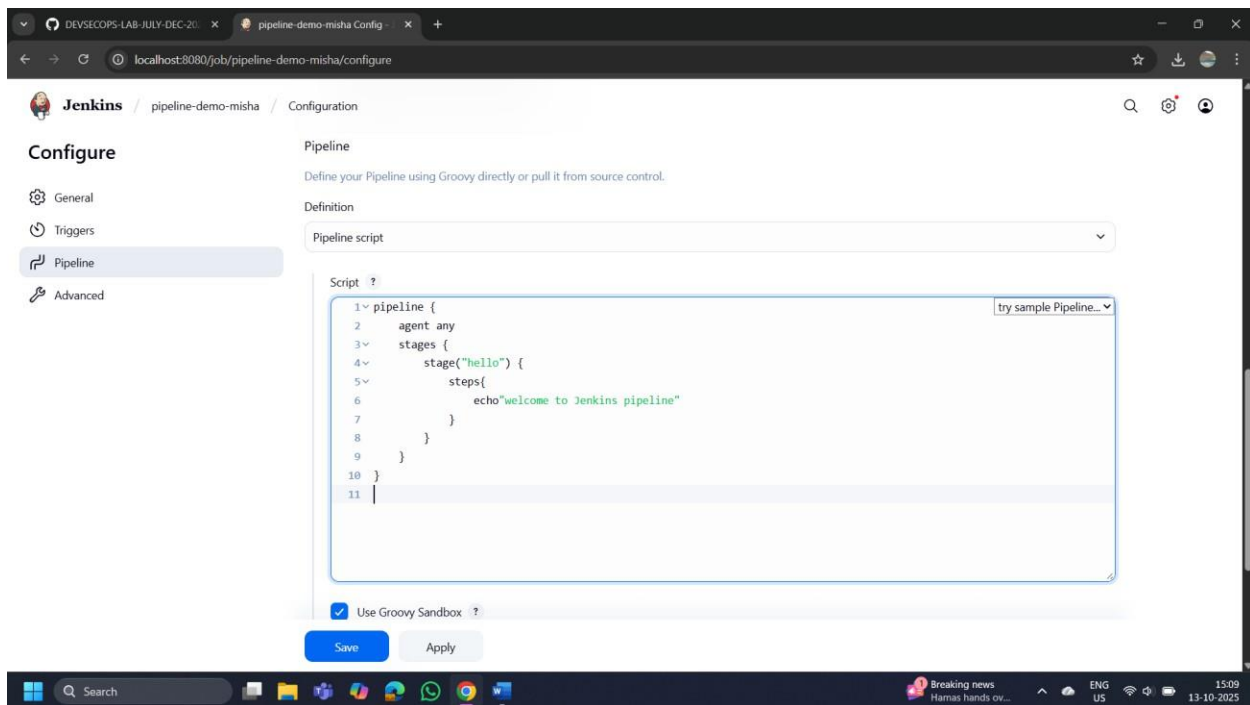


1.4 Click on Pipeline as shown in the screenshot below:

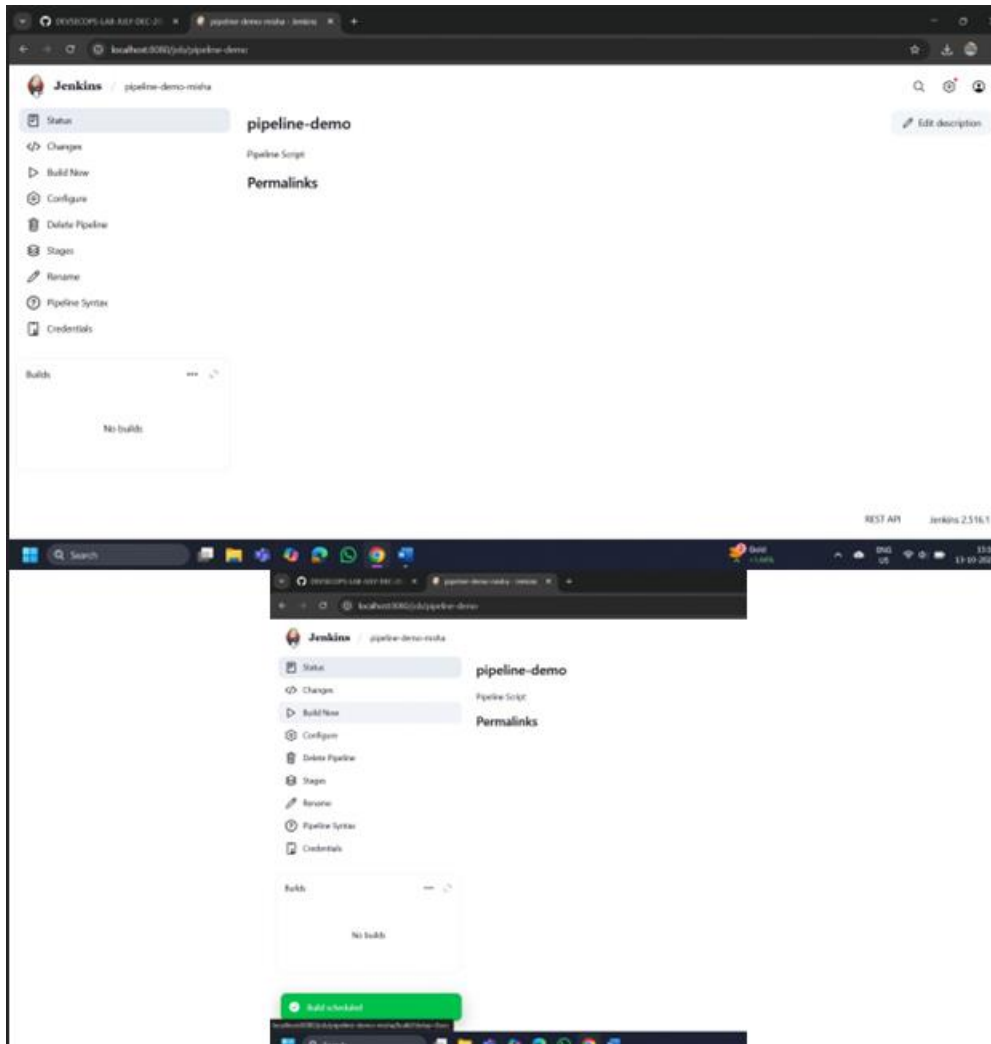


1.5 **Enter the following pipeline script in the script editor and click on Save as shown in the screenshot below:**

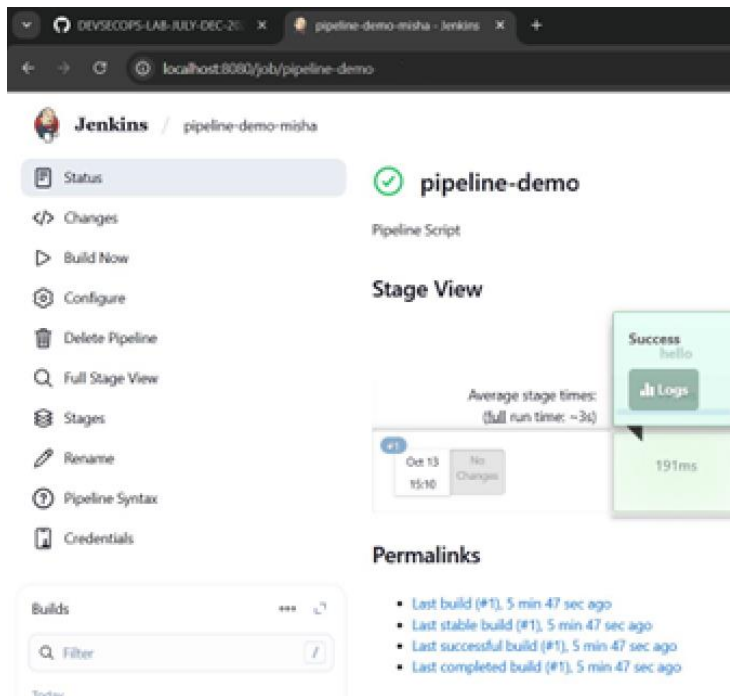
```
pipeline
{
  agent
  any
  stages
  {
    stage("hello") {
      steps{
        echo"welcome to Jenkins pipeline"
      }
    }
  }
}
```



1.6 **Click on Build Now to run the pipeline script as shown in the screenshot below:**



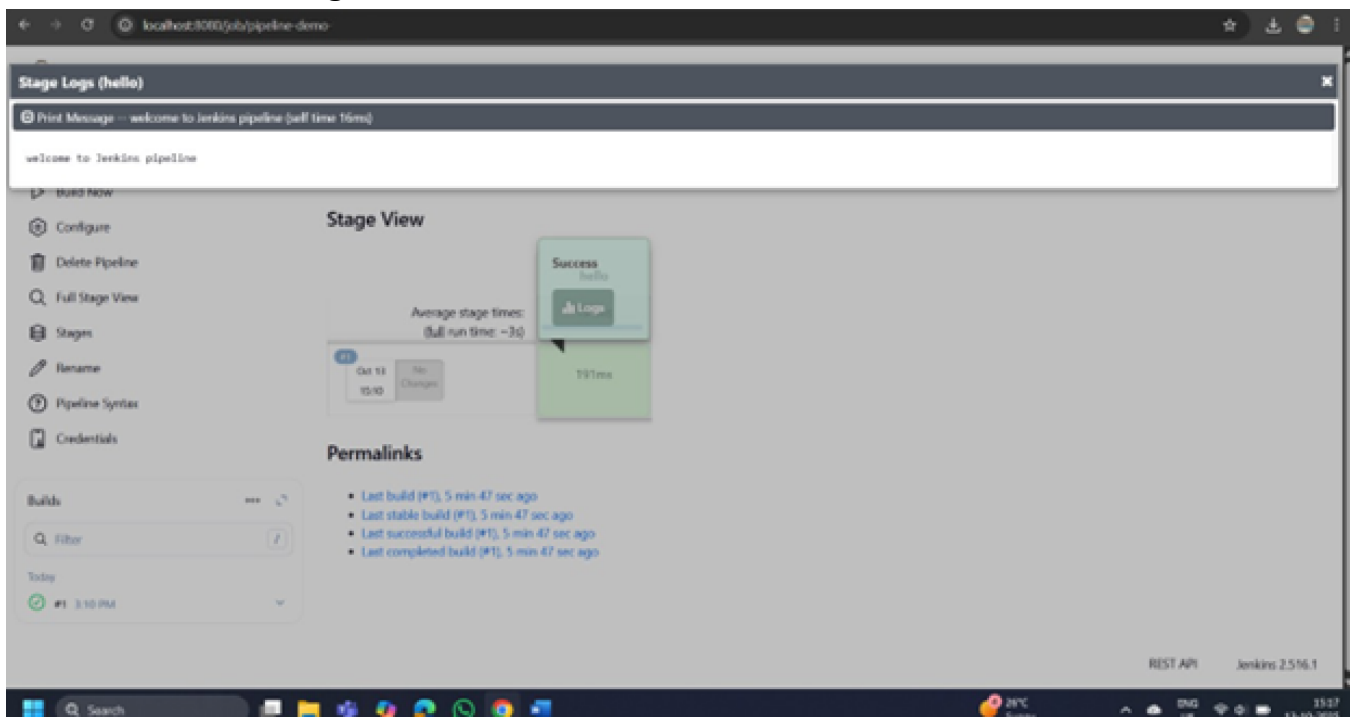
1.7 **Hover over the milliseconds number next to the build stage name as shown in the screenshot below:**



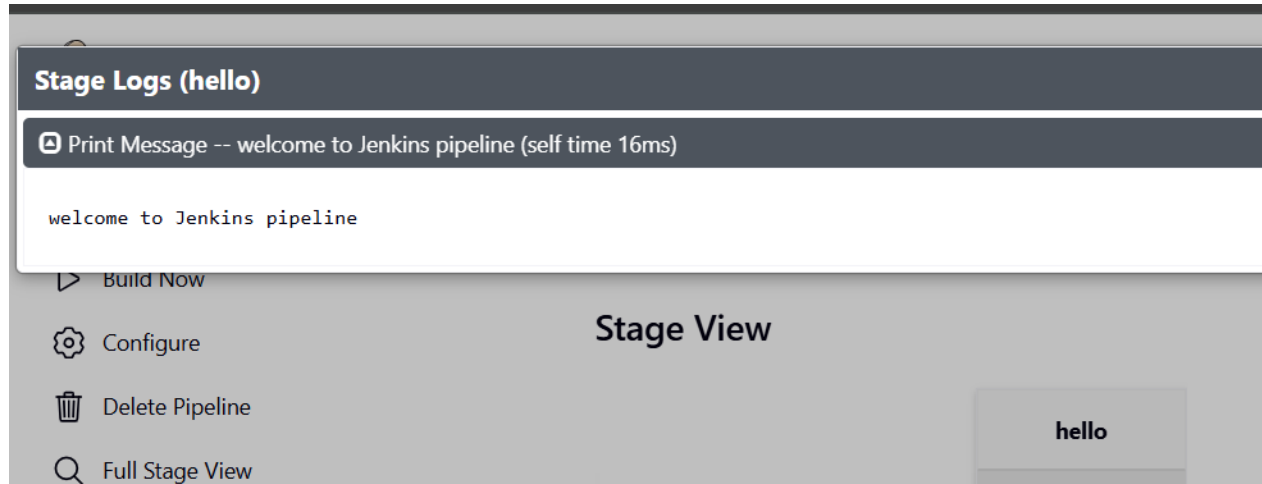
1.8



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



**1.6 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.**