# Lab Exercise 20
## Creating a Pipeline Script

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**Batch 2 DevOps**

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

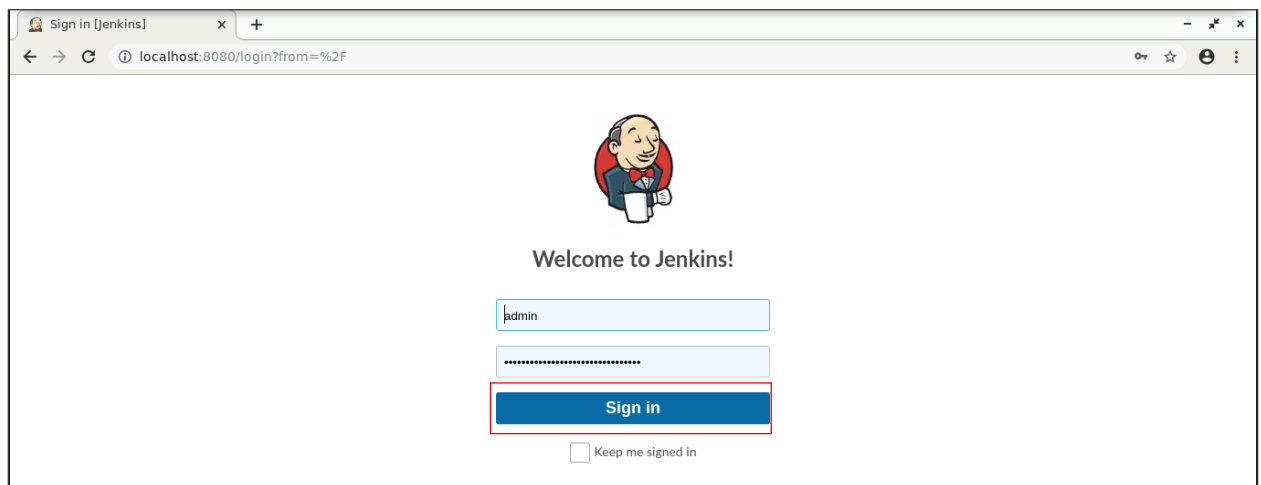**Tools required:** Jenkins

**Prerequisites:** None

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Steps to be followed:

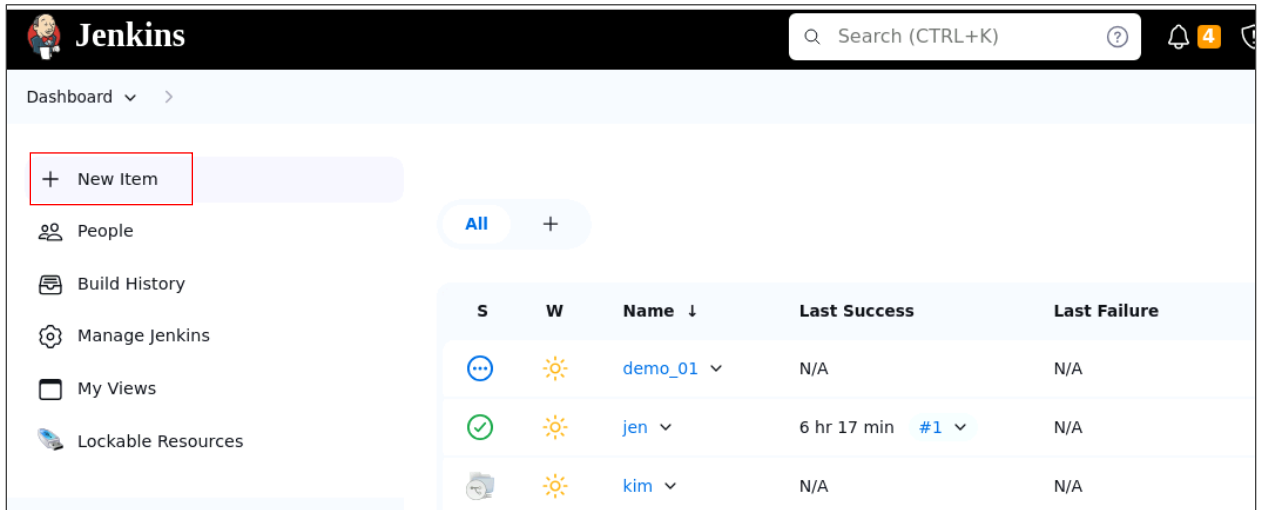1. Log in to the Jenkins CI tool and create a pipeline script

## Step 1: Log in to the Jenkins Cl 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
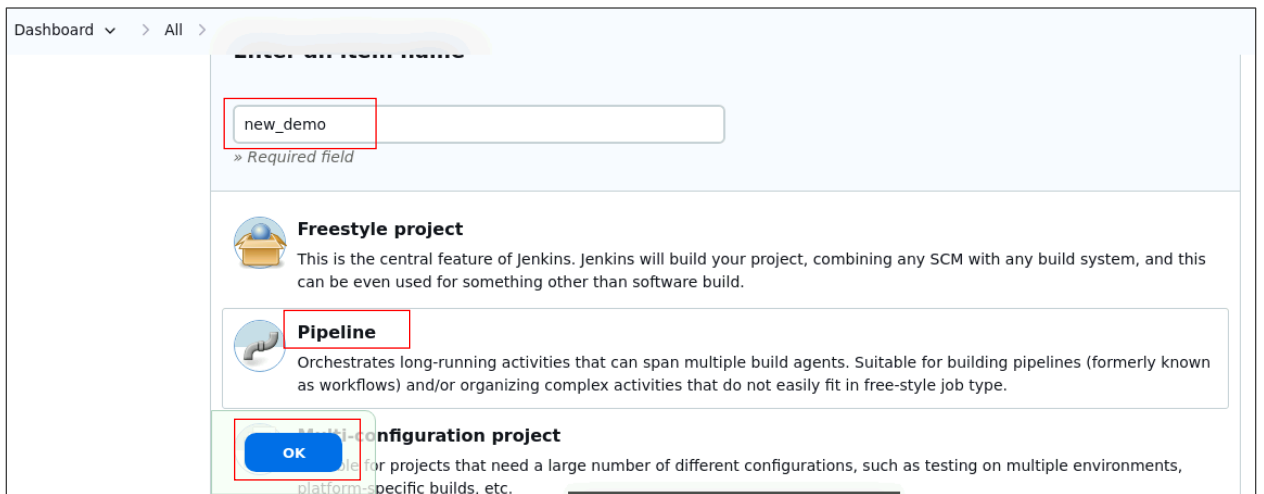


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**Note:** The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.
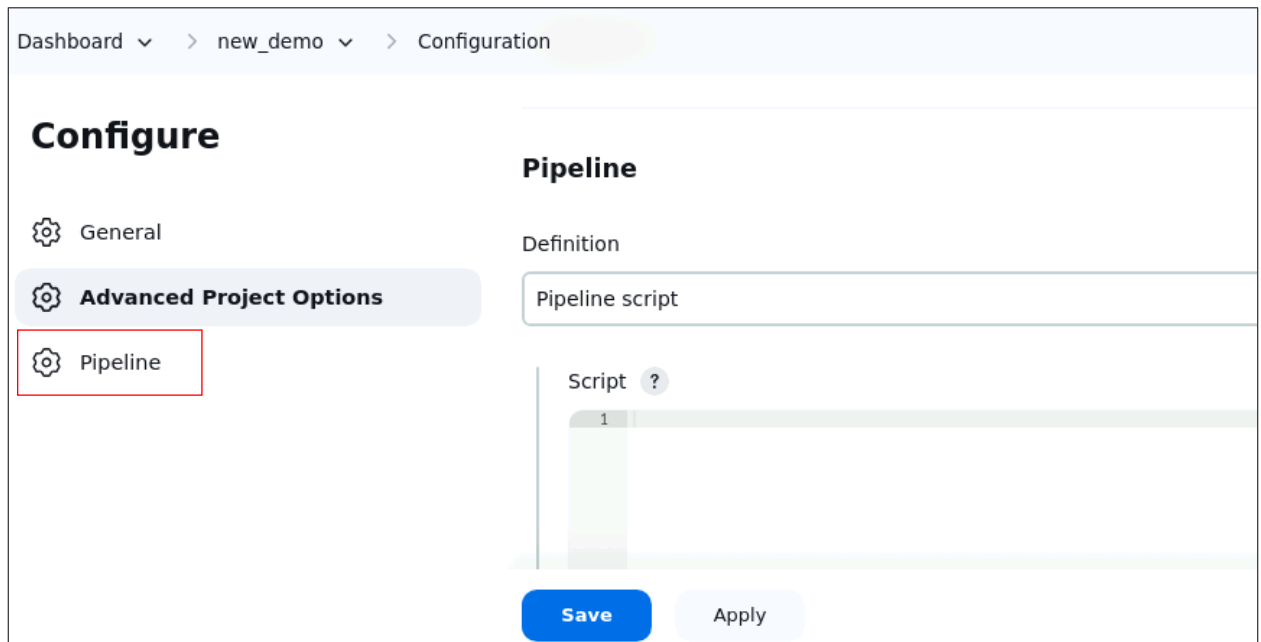
1.2 Click on the **New Item** option as shown in the screenshot below:



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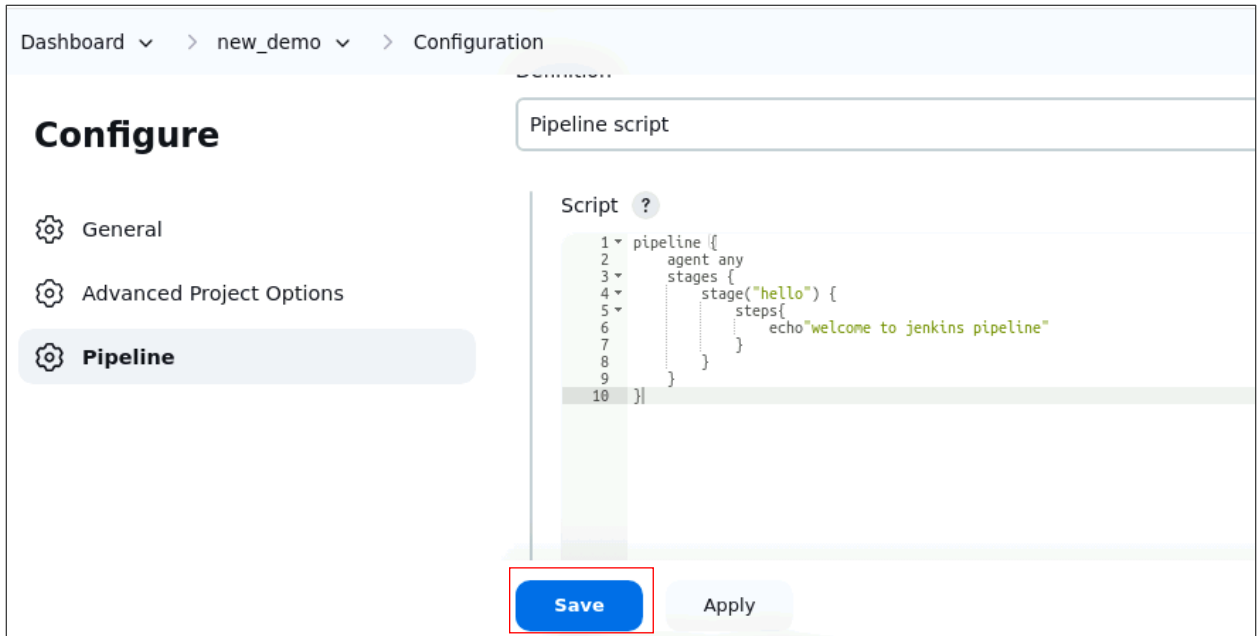
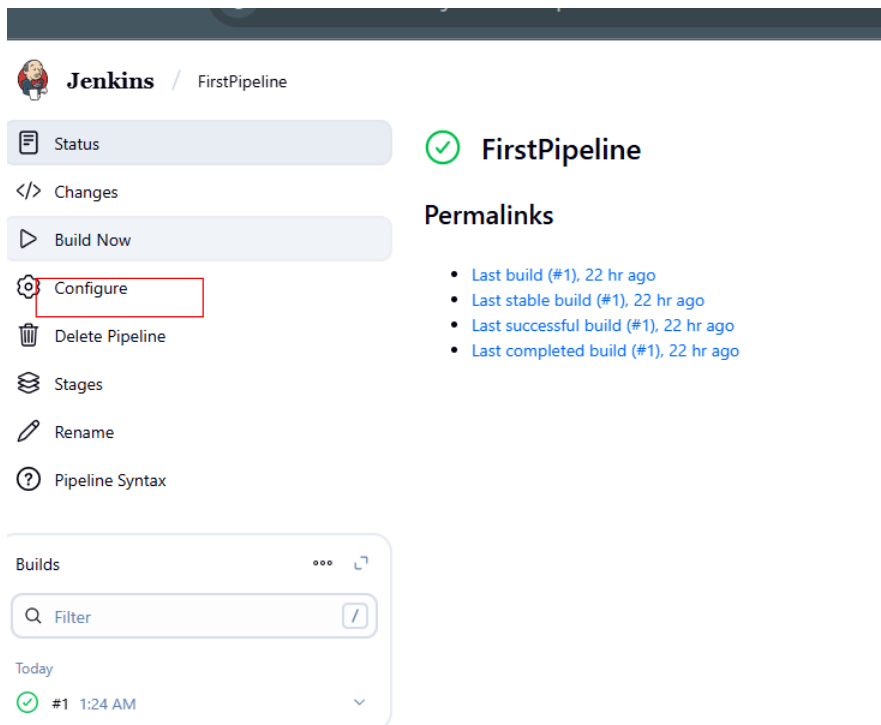1.4 Click on **Pipeline** as shown in the screenshot below:



1.5 Enter the following pipeline script in the script editor and click on **Save** as shown in the screenshot below:
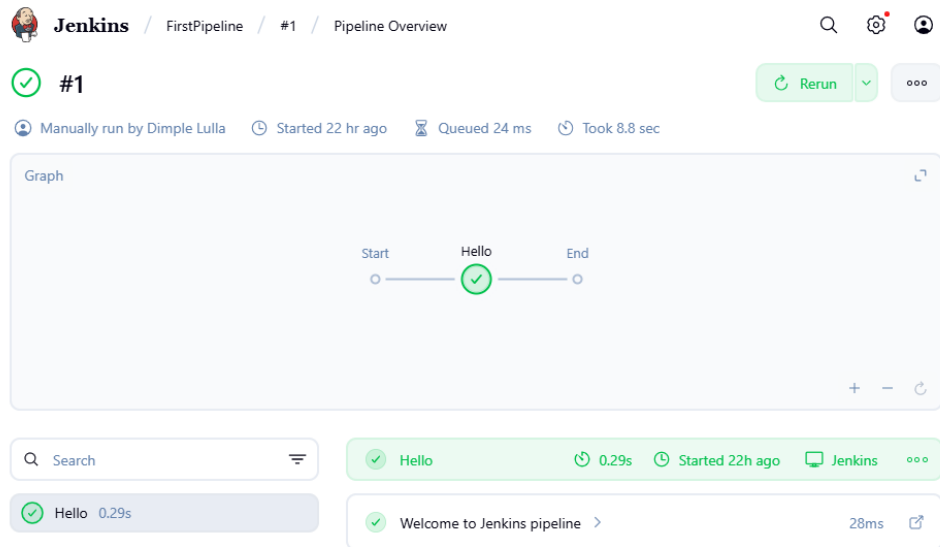
```
pipeline {
    agent any
    stages {
        stage("hello") {
            steps{
                echo"welcome to Jenkins pipeline"
            }
        }
    }
}
```

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:
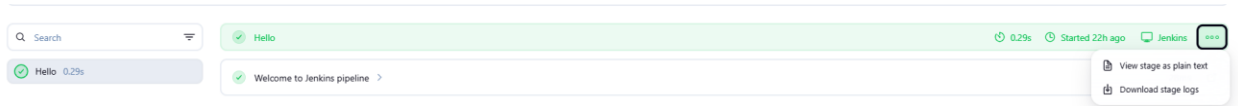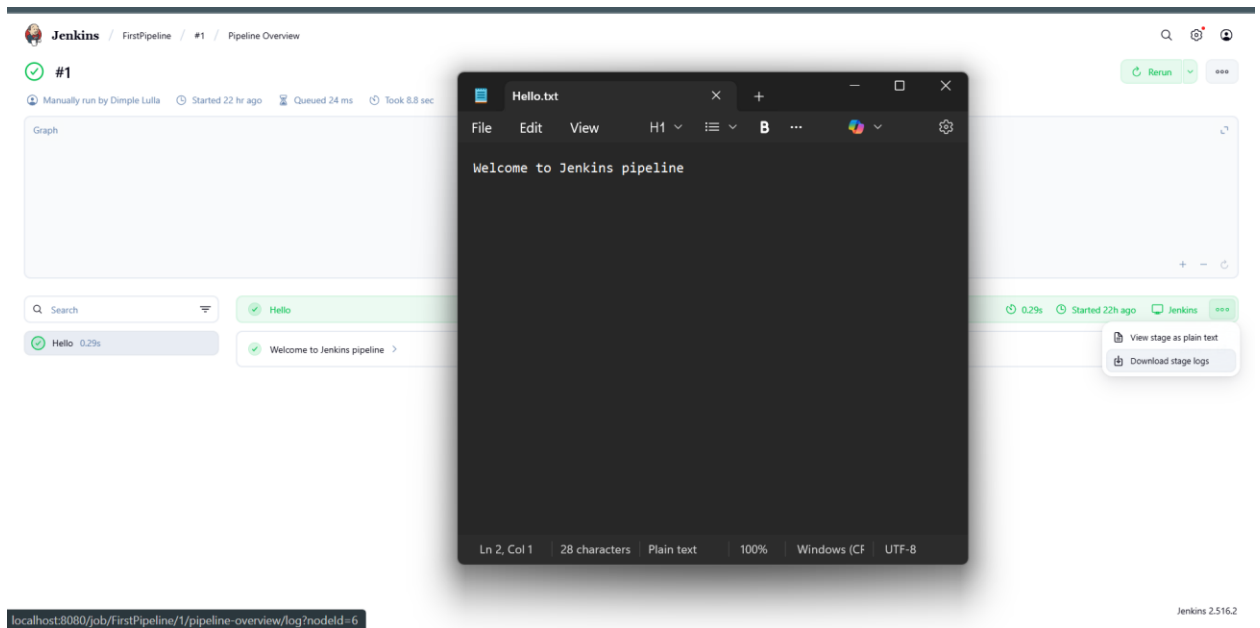


**Note:** Ensure that you hover the cursor over the milliseconds number without clicking on it

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.