**Jenkins Pipeline for Software Automation**

Name: Archita V

Roll No: 22ISR003

A Jenkins Pipeline is used to streamline the **building, testing, and deployment** process by automating each stage of software development.

**Step 1: Access Jenkins and Create a Pipeline**

1. Sign in to Jenkins.
2. Navigate to **"New Item"** on the dashboard.
3. Provide a suitable name for the pipeline.
4. Select **"Pipeline"** as the project type.
5. Click **"OK"** to continue.

**Step 2: Configure the Pipeline**

**Step 3: Specify the Pipeline Script**

1. Choose **"Pipeline script from SCM"** under the **Pipeline Definition** section.
2. Select **"Git"** as the version control system.
3. Enter the repository URL containing the pipeline script.
4. Define the **script path** as Jenkins file











