## TASK 2

Step 1: Open Jenkins and click "New Item."
Step 2: Enter a project name, select "Pipeline," then click OK.
Step 3: In the General tab, scroll down to the "Pipeline" section.
Step 4: Under "Definition," select "Pipeline script from SCM."
<b>Step 5:</b> In the <b>SCM</b> field, choose <b>"Git,"</b> then enter your GitHub repository URL.
<b>Step 6:</b> Ensure your GitHub repository contains the following files:
app.py (Application code)
Dockerfile (Instructions to build the Docker image)
docker-compose.yml (For container orchestration)
Jenkinsfile (Defines the pipeline stages)
requirements.txt (Dependencies for the application)  Stop 7. Glick "Save" to apply the coefficients.
Step 7: Click "Save" to apply the configuration.  Step 8: On the project page, click "Build New" to start the job
Step 8: On the project page, click "Build Now" to start the job.  Step 8: The build status will appear in the Build History panel (left side panel)
<ul><li>Step 9: The build status will appear in the Build History panel (left-side panel).</li><li>Step 10: Click on the latest build (#1, #2, etc.) and select "Console Output" to view logs and results.</li></ul>
Step 10. Chek on the latest build (#1, #2, etc.) and select Console Output to view logs and results.







