DEVOPS

ASSIGNMENT 2

STEPS:

- 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."
- Step 5: In the SCM field, choose "Git," then enter your GitHub repository URL.
- Step 6: 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)
- Step 7: Click "Save" to apply the configuration.
- Step 8: On the project page, click "Build Now" to start the job.
- Step 9: The build status will appear in the Build History panel (left-side panel).

OUTPUT:



