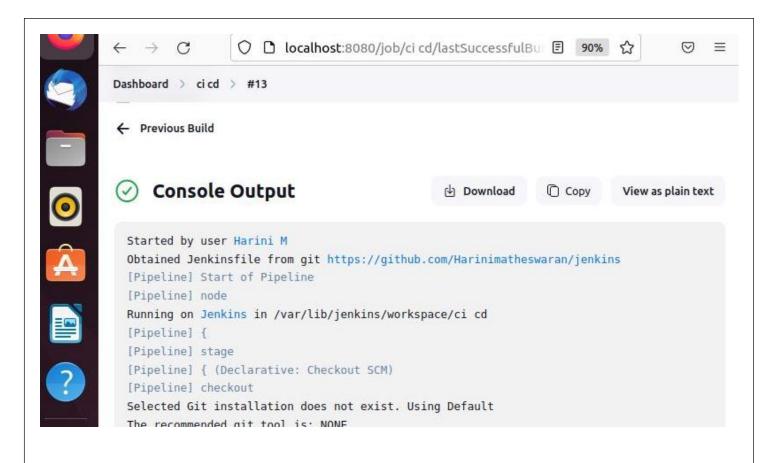
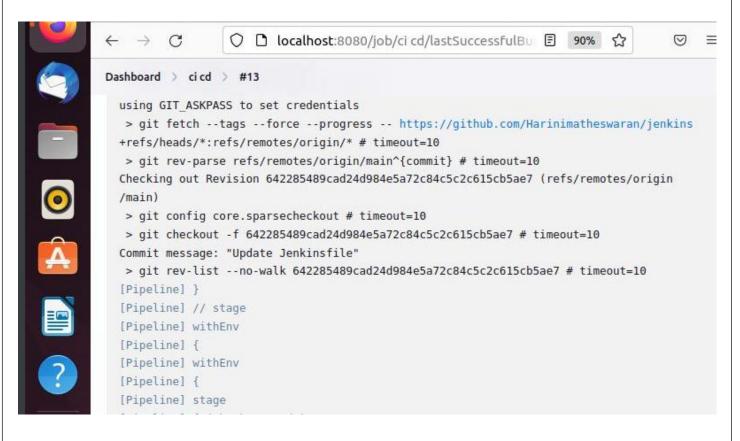
TASK 2

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."
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).
Step 10: Click on the latest build (#1, #2, etc.) and select " Console Output " to view logs and results.





```
○ localhost:8080/job/ci cd/lastSuccessfulBu 目 90% ☆
Dashboard > ci cd > #13
  Fetching upstream changes from https://github.com/Harinimatheswaran/jenkins.git
  > git --version # timeout=10
  > git --version # 'git version 2.34.1'
  using GIT_ASKPASS to set credentials
  > git fetch --tags --force --progress -- https://github.com/Harinimatheswaran
  /jenkins.git +refs/heads/*:refs/remotes/origin/* # timeout=10
  > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
  Checking out Revision 642285489cad24d984e5a72c84c5c2c615cb5ae7 (refs/remotes/origin
  > git config core.sparsecheckout # timeout=10
  > git checkout -f 642285489cad24d984e5a72c84c5c2c615cb5ae7 # timeout=10
  > git branch -a -v --no-abbrev # timeout=10
  > git branch -D main # timeout=10
  > git checkout -b main 642285489cad24d984e5a72c84c5c2c615cb5ae7 # timeout=10
  Commit message: "Update Jenkinsfile"
  [Pipeline] }
  [Pipeline] // stage
  [Pipeline] stage
  [Pipeline] { (Build Docker Image)
```

