

Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 41
SE Practical 9

Create CI/CD pipeline and workflow using Jenkins and demonstrating various commands and steps to perform source code and configuration management activities using CI/CD pipeline

Output of successful Jenkins build :

The screenshot shows the Jenkins web interface in a browser. The top navigation bar includes the Jenkins logo, a search bar, and user information (Yash Lakhtariya). The breadcrumb trail indicates the path: Dashboard > demo > #2 > Console Output. On the left sidebar, the 'Console Output' tab is selected. The main area displays the console output for build #2, which is a successful build. The output text shows the build process starting at 10:12:07, running as SYSTEM, and performing various Git operations like cloning, fetching, and checking out. The build concludes at 10:12:08 with the message 'Finished: SUCCESS'. The bottom of the interface shows the REST API link and the Jenkins version (2.399).

```
10:12:07 Started by user Yash Lakhtariya
10:12:07 Started by user Yash Lakhtariya
10:12:07 Started by user Yash Lakhtariya
10:12:07 Started by user Yash Lakhtariya
10:12:07 Running as SYSTEM
10:12:07 Building in workspace /var/lib/jenkins/workspace/demo
10:12:07 The recommended git tool is: NONE
10:12:07 No credentials specified
10:12:07 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/demo/.git # timeout=10
10:12:07 Fetching changes from the remote Git repository
10:12:07 > git config remote.origin.url https://github.com/yashslakhtariya/demo.git # timeout=10
10:12:07 Fetching upstream changes from https://github.com/yashslakhtariya/demo.git
10:12:07 > git --version # timeout=10
10:12:07 > git --version # 'git version 2.40.0'
10:12:07 > git fetch --tags --force --progress -- https://github.com/yashslakhtariya/demo.git +refs/heads/*:refs/remotes/origin/* # timeout=10
10:12:08 Seen branch in repository origin/main
10:12:08 Seen 1 remote branch
10:12:08 > git show-ref --tags -d # timeout=10
10:12:08 Checking out Revision e4505c13042fb62d3a14c66db5e4bc075dded56e (origin/main)
10:12:08 > git config core.sparsecheckout # timeout=10
10:12:08 > git checkout -f e4505c13042fb62d3a14c66db5e4bc075dded56e # timeout=10
10:12:08 Commit message: "Create demo.txt"
10:12:08 > git rev-list --no-walk e4505c13042fb62d3a14c66db5e4bc075dded56e # timeout=10
10:12:08 [demo] $ /bin/sh -xe /tmp/jenkins6362780663868749105.sh
10:12:08 + echo 'Hare Krishna!'
10:12:08 Hare Krishna!
10:12:08 Finished: SUCCESS
```