



PARSHVANATH CHARITABLE TRUST'S
A. P. SHAH INSTITUTE OF TECHNOLOGY
Department of Information Technology
(NBA Accredited)



Department of Information Technology

Academic Year: 2025-26

Semester: V

Class / Branch: TEIT/Div C

Subject: DevOps Lab

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Date of Performance: 03/09/25

Date of Submission: 03/09/25

Experiment No. 04

Jenkins / HelloWorld / Configuration

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

General Enabled

Description

Author: ts
Create and run a job in jenkins for simple hello world in java

Plain text: Preview

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

Advanced

Source Code Management

Connect and manage your code repository to automatically pull the latest code for your builds.

Save Apply

itanishqshelar / helloworld_03

Type to search

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

helloworld_03

Public

Pin

Watch 0

Fork 0

Star 0

Start coding with Codespaces

Add a README file and start coding in a secure, configurable, and dedicated development environment.

Create a codespace

Add collaborators to this repository

Search for people using their GitHub username or email address.

Invite collaborators

Quick setup — if you've done this kind of thing before

HTTPSSSHhttps://github.com/itanishqshelar/helloworld_03.git

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# helloworld_03" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/itanishqshelar/helloworld_03.git
git push -u origin main
```

```

apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop$ cd jenkins_lab
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ gedit Simple.java
Gtk-Message: 11:09:09.014: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.

(gedit:8822): GLib-GIO-WARNING **: 11:09:10.707: Error creating IO channel for /proc/self/mountinfo: Permission denied (g-file-error-quark, 2)
^Z
[1]+  Stopped                  gedit Simple.java
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ javac Simple.java
Simple.java:1: error: class HelloWorld is public, should be declared in a file named HelloWorld.java
public class HelloWorld {
      ^
1 error
[1]+  Killed                  gedit Simple.java
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ java Simple
Error: Could not find or load main class Simple
Caused by: java.lang.ClassNotFoundException: Simple
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ gedit Simple.java
Gtk-Message: 11:10:25.996: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.

(gedit:9108): GLib-GIO-WARNING **: 11:10:26.280: Error creating IO channel for /proc/self/mountinfo: Permission denied (g-file-error-quark, 2)
^Z
[1]+  Stopped                  gedit Simple.java
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ javac Simple.java
[1]+  Killed                  gedit Simple.java
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ java Simple
Hello, World!
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:

```

```

apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Simple.class
    Simple.java

nothing added to commit but untracked files present (use "git add" to track)
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git add .
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Simple.class
    new file:   Simple.java

apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git config --global user.name "itanishqshelar"
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git config --global user.email "tanishq.shelar365@gmail.com"
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git config --list
user.name=itanishqshelar
user.email=tanishq.shelar365@gmail.com
core.repositoryformatversion=0
core.filemode=true
core.bare=false
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$
git commit -m "Added Helloworld java program"
>
> git commit -m "Added Helloworld java program"
> ^C
apsit@apsit-HP-ProDesk-600-G4-PCI-MT:~/Desktop/jenkins_lab$ git commit -m "Added Helloworld java program"

```

☰

itanishqshelar / helloworld_03

🔍 Type to search

🔒

🔗

+

🔄

🔍

📁

👤

<> Code

🕒 Issues

🔀 Pull requests

🎯 Actions

📁 Projects

📖 Wiki

🛡 Security

📊 Insights

⚙ Settings

📁 main

helloworld_03 /

🔍 Go to file

Add file

⋮


👤 itanishqshelar

Added Helloworld program

d7c6b1b · 1 minute ago

🕒 History

Name	Last commit message	Last commit da...
📄 Simple.java	Added Helloworld program	1 minute ago

 Jenkins

HelloWorld

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

Builds

No builds

HelloWorld


Author: ts

Create and run a job in jenkins for simple hello world in java

Permalinks

Edit description

REST APIJenkins 2.523

 Jenkins

HelloWorld

#3

Console Output

Status

</> Changes

Console Output

Edit Build Information

Delete build '#3'

Timings

Git Build Data

Previous Build

Console Output

DownloadCopyView as plain text

```
Started by user admin
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/HelloWorld
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/HelloWorld/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/itanishqshelar/helloworld_03.git # timeout=10
Fetching upstream changes from https://github.com/itanishqshelar/helloworld_03.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/itanishqshelar/helloworld_03.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision d7c6b1bale9668b2e57f03ea7f43684472aa08d8 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f d7c6b1bale9668b2e57f03ea7f43684472aa08d8 # timeout=10
Commit message: "Added Helloworld program"
First time build. Skipping changelog.
[HelloWorld] $ /bin/sh -xe /tmp/jenkins17222416463023378927.sh
+ javac Simple.java
+ java Simple
Hello, World!
Finished: SUCCESS
```