

# PES1UG20CS050

## ASSIGNMENT 2

14/2/23

```
ahorathra@pes1ug20cs050: ~/Downloads/Jenkins_lab-main/Dockerfile
2023-02-14 04:26:22.585+0000 [id=31] INFO   jenkins.InitReactorRunner$1#onAttained: Started initialization
2023-02-14 04:26:22.634+0000 [id=35] INFO   jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2023-02-14 04:26:23.997+0000 [id=29] INFO   jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2023-02-14 04:26:24.005+0000 [id=31] INFO   jenkins.InitReactorRunner$1#onAttained: Started all plugins
2023-02-14 04:26:24.016+0000 [id=32] INFO   jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2023-02-14 04:26:24.367+0000 [id=35] INFO   jenkins.InitReactorRunner$1#onAttained: System config loaded
2023-02-14 04:26:24.369+0000 [id=30] INFO   jenkins.InitReactorRunner$1#onAttained: System config adapted
2023-02-14 04:26:24.370+0000 [id=30] INFO   jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2023-02-14 04:26:24.372+0000 [id=30] INFO   jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2023-02-14 04:26:24.468+0000 [id=49] INFO   hudson.util.Retrier#start: Attempt #1 to do the action check updates server
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.vmplugin.v7.Java7$1 (file:/var/jenkins_home/war/WEB-INF/lib/groovy-all-2.4.21.jar) to constructor java.lang.invoke.MethodHandles$Lookup(java.lang.Class,int)
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v7.Java7$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
2023-02-14 04:26:25.296+0000 [id=33] INFO   jenkins.install.SetupWizard#init:

*****
*****
*****


Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:


2cab79b6b18406d81a97ff78ea24317


This may also be found at: /var/jenkins_home/secrets/initialAdminPassword

*****
*****
*****


2023-02-14 04:26:57.036+0000 [id=31] INFO   jenkins.InitReactorRunner$1#onAttained: Completed initialization
2023-02-14 04:26:57.068+0000 [id=23] INFO   hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
2023-02-14 04:26:58.097+0000 [id=49] INFO   h.m.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller
2023-02-14 04:26:58.097+0000 [id=49] INFO   hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1
2023-02-14 04:29:51.927+0000 [id=18] INFO   hudson.PluginManager#install: Starting installation of a batch of 19 plugins plus their dependencies
2023-02-14 04:29:51.930+0000 [id=18] INFO   hudson.model.UpdateSite$Plugin#deploy: Adding dependent install of ionicons-api for plugin cloudbees-folder
2023-02-14 04:29:51.944+0000 [id=18] INFO   hudson.model.UpdateSite$Plugin#deploy: Adding dependent install of instance-identity for plugin ionicons-api
2023-02-14 04:29:51.944+0000 [id=18] INFO   hudson.model.UpdateSite$Plugin#deploy: Adding dependent install of bouncycastle-api for plugin instance-identity
```


 **Jenkins**


 **Aneesh PES1UG20CS050**


 **log out**


**Dashboard** > **PES1UG20CS050-1** > **#7**


 **Status**


 **Changes**


 **Console Output**


 **View as plain text**

 **Edit Build Information**

 **Delete build #7**

 **Git Build Data**

 **Previous Build**

 **Console Output**

Started by user **Aneesh PES1UG20CS050**  
Running as **SYSTEM**  
Building in workspace **/var/jenkins\_home/workspace/PES1UG20CS050-1**  
The recommended git tool is: **NONE**  
No credentials specified  
> git rev-parse --resolve-git-dir /var/jenkins\_home/workspace/PES1UG20CS050-1/.git # timeout=10  
Fetching changes from the remote Git repository  
> git config remote.origin.url https://github.com/aneeshna07/PES1UG20CS050\_Jenkins.git # timeout=10  
Fetching upstream changes from https://github.com/aneeshna07/PES1UG20CS050\_Jenkins.git  
> git --version # timeout=10  
> git --version # 'git version 2.30.2'  
> git fetch --tags --force --progress -- https://github.com/aneeshna07/PES1UG20CS050\_Jenkins.git +refs/heads/\*:refs/remotes/origin/\* # timeout=10  
Seen branch in repository origin/main  
Seen 1 remote branch  
> git show-ref --tags -d # timeout=10  
Checking out Revision 2a471ae82dc155fb3448ee19cbe023eb3e94dc90 (origin/main)  
> git config core.sparsecheckout # timeout=10  
> git checkout -f 2a471ae82dc155fb3448ee19cbe023eb3e94dc90 # timeout=10  
Commit message: "Delete hello.cpp"  
> git rev-list --no-walk 2a471ae82dc155fb3448ee19cbe023eb3e94dc90 # timeout=10  
[PES1UG20CS050-1] \$ /bin/sh -xe /tmp/jenkins17751666343063825774.sh  
+ make -C main  
make: Entering directory '/var/jenkins\_home/workspace/PES1UG20CS050-1/main'  
make: 'hello\_exec' is up to date.  
make: Leaving directory '/var/jenkins\_home/workspace/PES1UG20CS050-1/main'  
Finished: **SUCCESS**

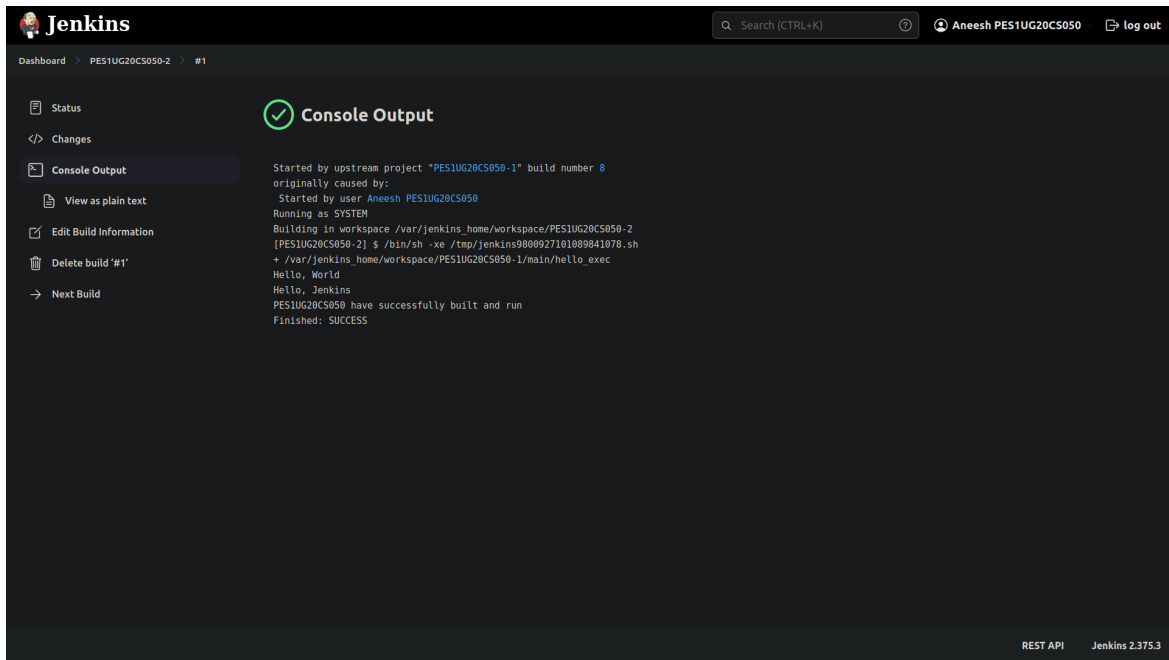
REST API

Jenkins 2.375.3

# PES1UG20CS050

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This screenshot shows the Jenkins web interface for a specific build. The top navigation bar includes the Jenkins logo, a search bar, the user name 'Aneesh PES1UG20CS050', and a 'log out' link. The breadcrumb trail indicates the path: Dashboard > PES1UG20CS050-2 > #1. On the left sidebar, the 'Console Output' option is selected. The main content area displays a green checkmark icon followed by the title 'Console Output'. The output text shows the build was started by an upstream project, initiated by user 'Aneesh PES1UG20CS050', and executed as 'SYSTEM'. It details the workspace path, the shell command executed, and the output 'Hello, Jenkins'. The build finished successfully. At the bottom right, links for 'REST API' and 'Jenkins 2.375.3' are visible.

**Jenkins**

Dashboard > PES1UG20CS050-2 > #1

Search (CTRL+K) Aneesh PES1UG20CS050 log out

Status

Changes

**Console Output**

View as plain text

Edit Build Information

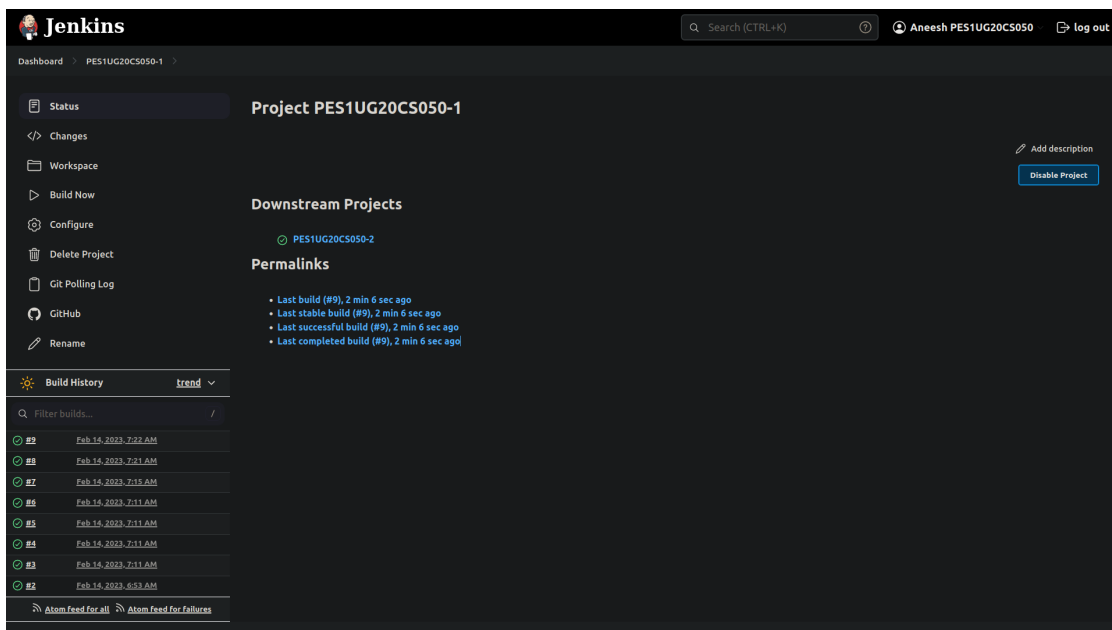
Delete build '#1'

Next Build

**Console Output**

Started by upstream project "PES1UG20CS050-1" build number 8  
originally caused by:  
Started by user Aneesh PES1UG20CS050  
Running as SYSTEM  
Building in workspace /var/jenkins\_home/workspace/PES1UG20CS050-2  
[PES1UG20CS050-2] \$ /bin/sh -xe /tmp/jenkins9800927101089041078.sh  
+ /var/jenkins\_home/workspace/PES1UG20CS050-1/main/hello\_exec  
Hello, Jenkins  
PES1UG20CS050 have successfully built and run  
Finished: SUCCESS

REST API Jenkins 2.375.3



This screenshot shows the Jenkins project overview page for 'Project PES1UG20CS050-1'. The top navigation bar is identical to the previous screenshot. The breadcrumb trail is: Dashboard > PES1UG20CS050-1. The left sidebar contains various project management options, with 'Build History' selected at the bottom. The main content area is titled 'Project PES1UG20CS050-1' and includes an 'Add description' link and a 'Disable Project' button. Below this, there are sections for 'Downstream Projects' (showing 'PES1UG20CS050-2') and 'Permalinks' (listing recent builds). At the bottom, the 'Build History' table is displayed, showing a list of builds with their status, number, and timestamps. The table includes a search bar and a 'trend' dropdown.

**Jenkins**

Dashboard > PES1UG20CS050-1

Search (CTRL+K) Aneesh PES1UG20CS050 log out

Status

Changes

Workspace

Build Now

Configure

Delete Project

Git Polling Log

GitHub

Rename

**Build History** trend

Filter builds... /

Status	Build Number	Timestamp
Success	#2	Feb 14, 2023, 7:22 AM
Success	#1	Feb 14, 2023, 7:21 AM
Success	#7	Feb 14, 2023, 7:15 AM
Success	#6	Feb 14, 2023, 7:11 AM
Success	#5	Feb 14, 2023, 7:11 AM
Success	#4	Feb 14, 2023, 7:11 AM
Success	#3	Feb 14, 2023, 7:11 AM
Success	#2	Feb 14, 2023, 6:53 AM

Atom feed for all Atom feed for failures

**Project PES1UG20CS050-1**

Add description

Disable Project

**Downstream Projects**

PES1UG20CS050-2

**Permalinks**

- Last build (#9), 2 min 6 sec ago
- Last stable build (#9), 2 min 6 sec ago
- Last successful build (#9), 2 min 6 sec ago
- Last completed build (#9), 2 min 6 sec ago

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Dashboard > All >

+ New Item

People

Build History

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

Build History of Jenkins

b 11

Feb 12

Feb 13

Feb 14

Feb 15

Feb 16

Feb 17

5

Build

Time Since ↑

Status

✓ PES1UG20CS050-1 #93 min 44 secstable

✓ PES1UG20CS050-2 #14 min 18 secstable

✓ PES1UG20CS050-1 #84 min 28 secstable

✓ PES1UG20CS050-1 #710 minstable

✓ PES1UG20CS050-1 #615 minstable

✓ PES1UG20CS050-1 #515 minstable

✓ PES1UG20CS050-1 #415 minstable

✓ PES1UG20CS050-1 #315 minstable

✓ PES1UG20CS050-1 #232 minstable

Jenkins

Search (CTRL+K)

Aneesh PES1UG20CS050

log out

Dashboard >

+ New Item

People

Build History

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

All +

5

W

Name ↓

Last Success

Last Failure

Last Duration

✓ ☀ PES1UG20CS050-14 min 23 sec #91 sec

✓ ☀ PES1UG20CS050-24 min 58 sec #123 ms

Icon: S M L

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

REST API

Jenkins 2.375.3

# PES1UG20CS050

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The screenshot shows the GitHub repository settings for the repository `aneeshna07 / PES1UG20CS050_Jenkins`. The **Webhooks** tab is selected in the left sidebar. The main content area shows a list of webhooks with one active webhook: `https://536b-1-6-180-189.in.ngrok... (push)`. The webhook is marked with a green checkmark, indicating it is active. The **Add webhook** button is visible in the top right corner of the webhooks section.

The screenshot shows the Jenkins console output for build #11. The console output is displayed in a dark theme with a green checkmark icon next to the title **Console Output**. The output shows the build process starting with a SCM change, building in the workspace `/var/jenkins_home/workspace/PES1UG20CS050-1`, and fetching changes from the remote Git repository `https://github.com/aneeshna07/PES1UG20CS050_Jenkins.git`. The build process includes a `git rev-parse` command, a `git fetch` command, and a `git checkout` command. The build process also includes a `make` command to build the `hello.cpp` file. The build process ends with a `Finished: SUCCESS` message.

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Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

trend

Filter builds...

/

#1

Feb 14, 2023, 8:59 AM

Atom feed for all

Atom feed for failures

Pipeline PES1UG20CS050

Add description

Disable Project

Stage View

Average stage times:  
(Average full run time: ~21s)

#1

Feb 14, 14:29

No Changes

Declarative: Checkout SCM	Build	Test	Deploy
1s	10s	510ms	156ms
1s	10s	510ms	156ms

Permalinks

REST APIJenkins 2.375.3

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

trend

Filter builds...

/

#2

Feb 14, 2023, 9:03 AM

Atom feed for all

Atom feed for failures

#1

Feb 14, 2023, 8:59 AM

Pipeline PES1UG20CS050

Add description

Disable Project

Stage View

Average stage times:  
(Average full run time: ~21s)

#2

Feb 14, 14:33

1 commit

#1

Feb 14, 14:29

No Changes

Declarative: Checkout SCM	Build	Test	Deploy	Declarative: Post Actions
1s	9s	795ms	220ms	204ms
1s	9s	1s failed	284ms failed	204ms
1s	10s	510ms	156ms	

Permalinks

REST APIJenkins 2.375.3

# PES1UG20CS050

## ASSIGNMENT 2

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**Console Output**

```
Started by user Aneesh PES1UG20CS050
Lightweight checkout support not available, falling back to full checkout.
Checking out git https://github.com/aneeshna07/PES1UG20CS050_Jenkins into /var/jenkins_home/workspace/PES1UG20CS050@script/b689c2d133fa4c85292c38c1480366e21a1d545da38e2bd240ecce4b3ab775fe to read Jenkinsfile
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/PES1UG20CS050@script/b689c2d133fa4c85292c38c1480366e21a1d545da38e2bd240ecce4b3ab775fe/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/aneeshna07/PES1UG20CS050_Jenkins # timeout=10
Fetching upstream changes from https://github.com/aneeshna07/PES1UG20CS050_Jenkins
> git --version # timeout=10
> git --version # 'git version 2.38.2'
> git fetch --tags --force --progress -- https://github.com/aneeshna07/PES1UG20CS050_Jenkins +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
> git show-ref --tags -d # timeout=10
Checking out Revision 33fbbab154578087e6b9ca95dd6da696e4459d3 (origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 33fbbab154578087e6b9ca95dd6da696e4459d3 # timeout=10
Commit message: 'Update Jenkinsfile'
> git rev-list --no-walk aaf9dc834ffecb00979a78a60285559defa7c # timeout=10
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/jenkins_home/workspace/PES1UG20CS050
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/PES1UG20CS050/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/aneeshna07/PES1UG20CS050_Jenkins # timeout=10
Fetching upstream changes from https://github.com/aneeshna07/PES1UG20CS050_Jenkins
> git --version # timeout=10
> git --version # 'git version 2.38.2'
> git fetch --tags --force --progress -- https://github.com/aneeshna07/PES1UG20CS050_Jenkins +refs/heads/*:refs/remotes/origin/* # timeout=10
Seen branch in repository origin/main
Seen 1 remote branch
```

LINK: [https://github.com/aneeshna07/PES1UG20CS050\\_Jenkins/](https://github.com/aneeshna07/PES1UG20CS050_Jenkins/)