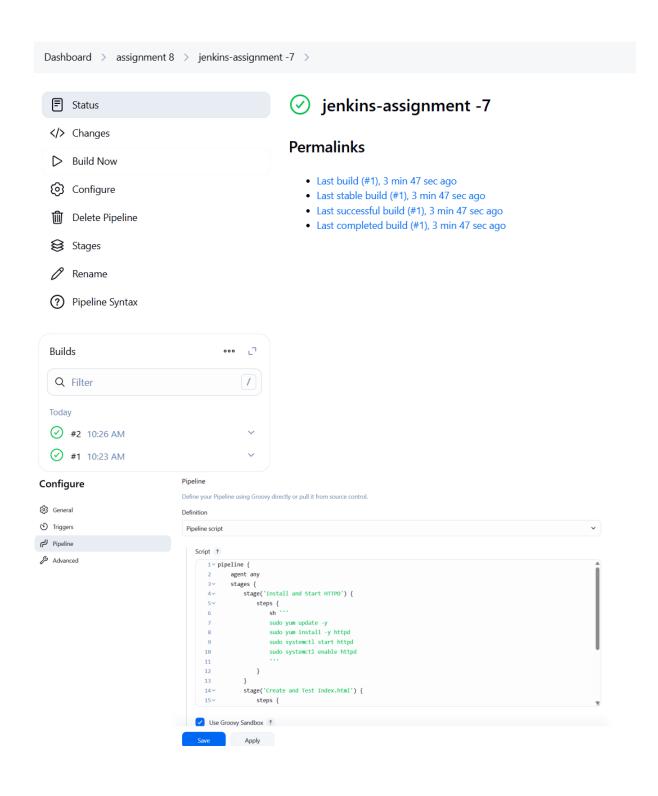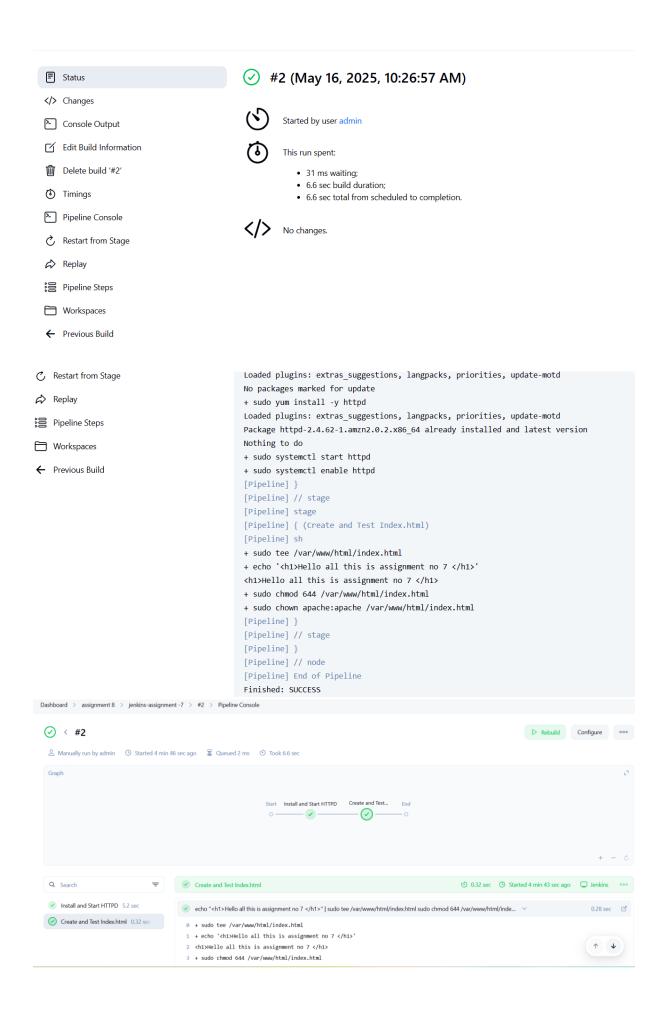**Jenkins assignment 7**

Create a Jenkins job with a declarative pipeline that, installs and starts the Apache HTTPD server , creates an index.html file with the content "hii this is assignment no 7"

Status

Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

✓ jenkins-assignment -7

Permalinks

- Last build (#1), 3 min 47 sec ago
- Last stable build (#1), 3 min 47 sec ago
- Last successful build (#1), 3 min 47 sec ago
- Last completed build (#1), 3 min 47 sec ago

Builds

Filter /

Today

✓ #2 10:26 AM

✓ #1 10:23 AM

Configure

General

Triggers

Pipeline

Advanced

Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script

Script ?

```
1  pipeline {
2      agent any
3      stages {
4          stage('Install and Start HTTPD') {
5              steps {
6                  sh '''
7                  sudo yum update -y
8                  sudo yum install -y httpd
9                  sudo systemctl start httpd
10                 sudo systemctl enable httpd
11                 '''
12             }
13         }
14         stage('Create and Test Index.html') {
15             steps {
```

☑ Use Groovy Sandbox ?

Save   Apply

Status

</> Changes

Console Output

Edit Build Information

Delete build '#2'

Timings

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

← Previous Build

✓ **#2 (May 16, 2025, 10:26:57 AM)**

Started by user admin

This run spent:

- 31 ms waiting;
- 6.6 sec build duration;
- 6.6 sec total from scheduled to completion.

</> No changes.

```
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
+ sudo yum install -y httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package httpd-2.4.62-1.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
+ sudo systemctl start httpd
+ sudo systemctl enable httpd
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Create and Test Index.html)
[Pipeline] sh
+ sudo tee /var/www/html/index.html
+ echo '<h1>Hello all this is assignment no 7 </h1>'
<h1>Hello all this is assignment no 7 </h1>
+ sudo chmod 644 /var/www/html/index.html
+ sudo chown apache:apache /var/www/html/index.html
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

✓ < #2   ▷ Rebuild   Configure   ○○○

👤 Manually run by admin   🕐 Started 4 min 46 sec ago   ⏳ Queued 2 ms   🕐 Took 6.6 sec

Graph

Start   Install and Start HTTPD   Create and Test...   End
○————————✓————————————————✓————————○

🔍 Search

✓ Install and Start HTTPD 5.2 sec
✓ Create and Test Index.html 0.32 sec

✓ Create and Test Index.html   🕐 0.32 sec 🕐 Started 4 min 43 sec ago 💻 Jenkins ○○○

✓ echo "<h1>Hello all this is assignment no 7 </h1>" | sudo tee /var/www/html/index.html sudo chmod 644 /var/www/html/inde... ⌄   0.28 sec

```
0  + sudo tee /var/www/html/index.html
1  + echo '<h1>Hello all this is assignment no 7 </h1>'
2  <h1>Hello all this is assignment no 7 </h1>
3  + sudo chmod 644 /var/www/html/index.html
```

Hello all this is assignment no 7

```
pipeline {
  agent any
  stages {
    stage('Install and Start HTTPD') {
      steps {
        sh '''
        sudo yum update -y
        sudo yum install -y httpd
        sudo systemctl start httpd
        sudo systemctl enable httpd
        '''
      }
    }
    stage('Create and Test Index.html') {
      steps {
        sh '''
        echo "<h1>Hello all this is assignment no 7 </h1>" | sudo tee
/var/www/html/index.html
        sudo chmod 644 /var/www/html/index.html
        sudo chown apache:apache /var/www/html/index.html
        '''
```

```
        }
      }
    }
  }
```