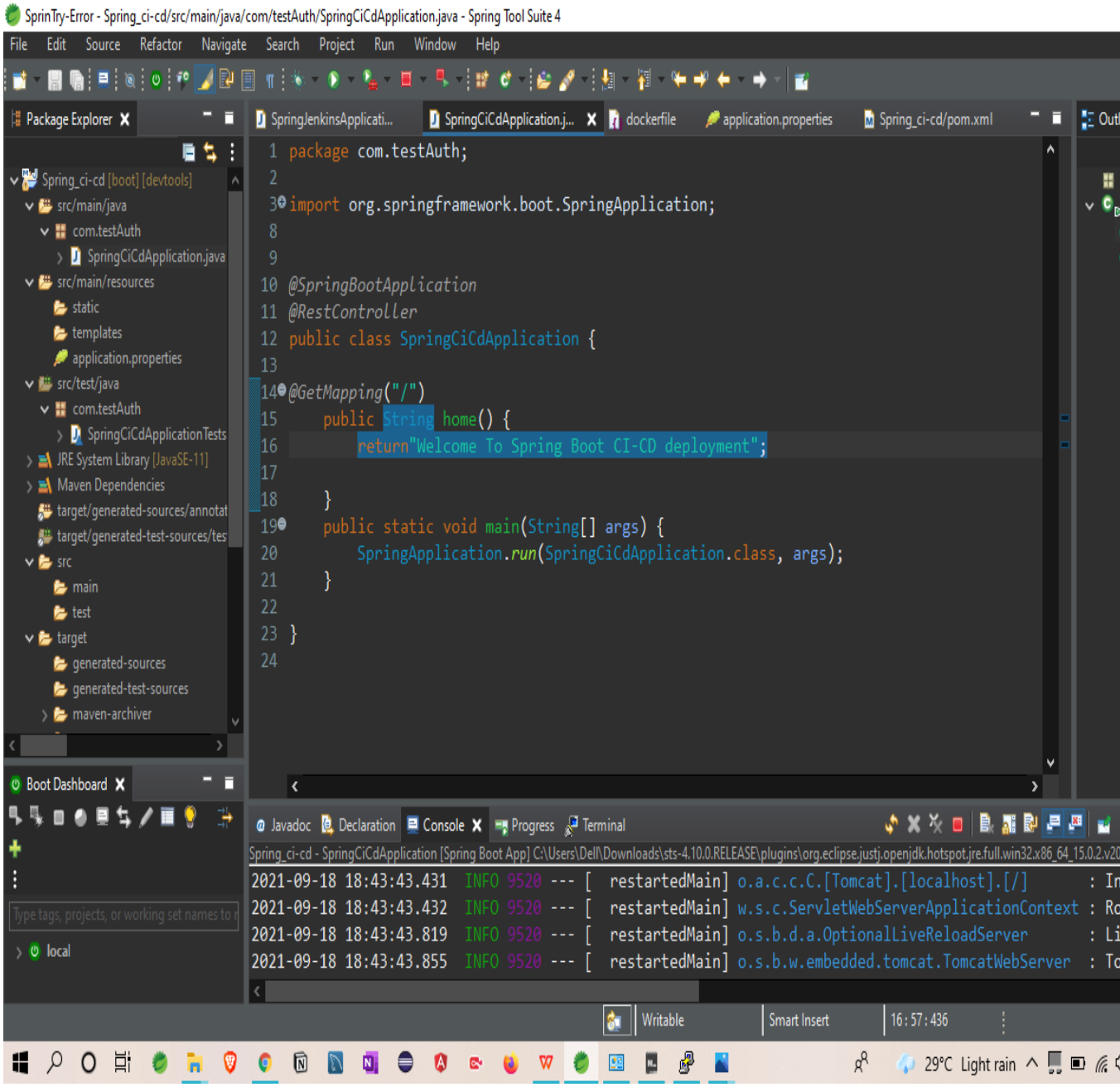
Eclipse

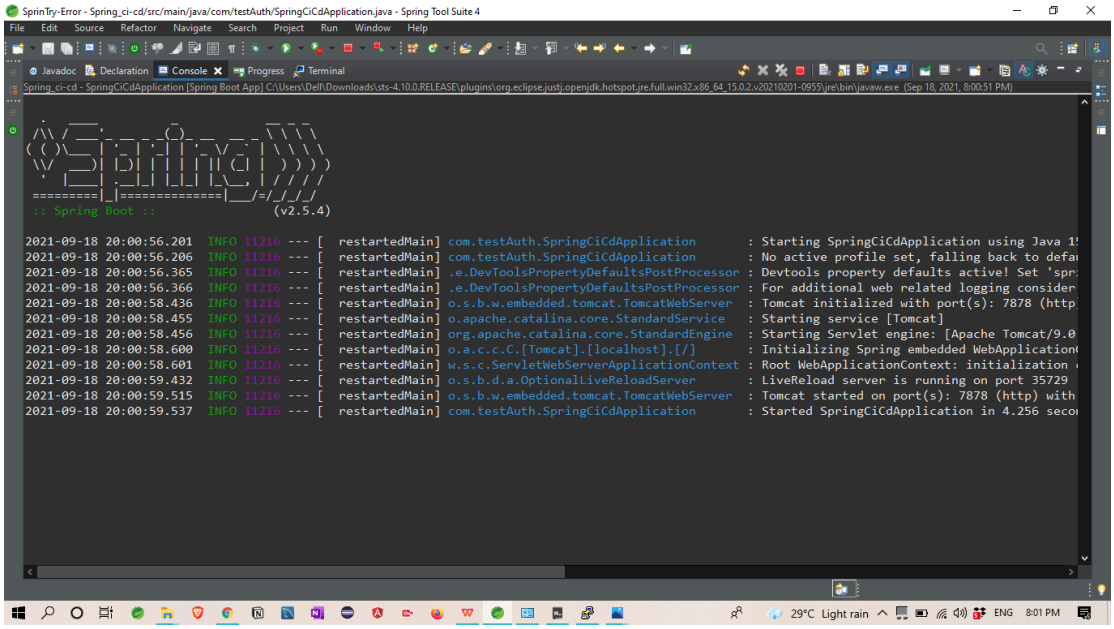

SprinTry-Error - Spring_ci-cd/src/main/java/com/testAuth/SpringCiCdApplication.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Spring_ci-cd [boot] [devtools]
src/main/java
com.testAuth
SpringCiCdApplication.java
src/main/resources
static
templates
application.properties
src/test/java
com.testAuth
SpringCiCdApplicationTests
JRE System Library [JavaSE-11]
Maven Dependencies
target/generated-sources/annotat
target/generated-test-sources/tes
src
main
test
target
generated-sources
generated-test-sources
maven-archiver
SpringJenkinsApplicati...
SpringCiCdApplication.j...
dockerfile
application.properties
Spring_ci-cd/pom.xml
1 package com.testAuth;
2
3 import org.springframework.boot.SpringApplication;
8
9
10 @SpringBootApplication
11 @RestController
12 public class SpringCiCdApplication {
13
14 @GetMapping("/")
15 public String home() {
16 return"Welcome To Spring Boot CI-CD deployment";
17
18 }
19 public static void main(String[] args) {
20 SpringApplication.run(SpringCiCdApplication.class, args);
21 }
22
23 }
24
Boot Dashboard
local
Javadoc Declaration Console Progress Terminal
Spring_ci-cd - SpringCiCdApplication [Spring Boot App] C:\Users\Dell\Downloads\sts-4.10.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_15.0.2.v20
2021-09-18 18:43:43.431 INFO 9520 --- [restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : In
2021-09-18 18:43:43.432 INFO 9520 --- [restartedMain] w.s.c.ServletWebServerApplicationContext : Ro
2021-09-18 18:43:43.819 INFO 9520 --- [restartedMain] o.s.b.d.a.OptionalLiveReloadServer : Li
2021-09-18 18:43:43.855 INFO 9520 --- [restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : To
Writable
Smart Insert
16 : 57 : 436
29°C Light rain

1.

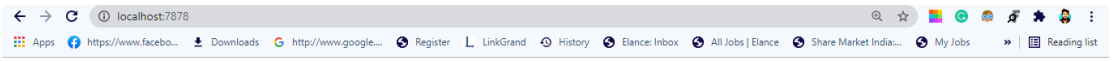
I create Simple Spring boot Application to

build a CI/CD pipeline to demonstrate continuous

deployment

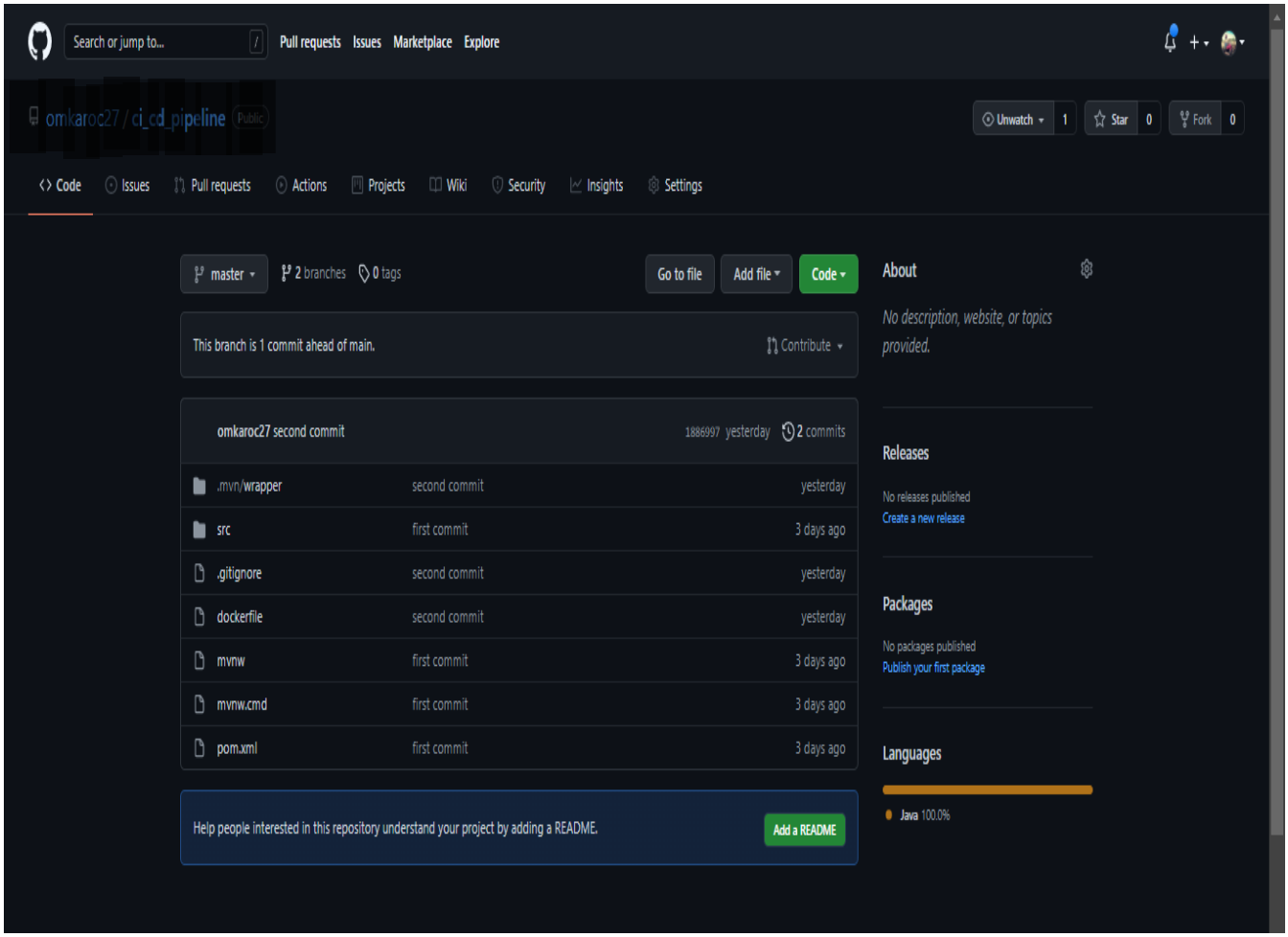


Output :-



Welcome To Spring Boot CI-CD deployment

Git Hub: Application Deploy on git Hub



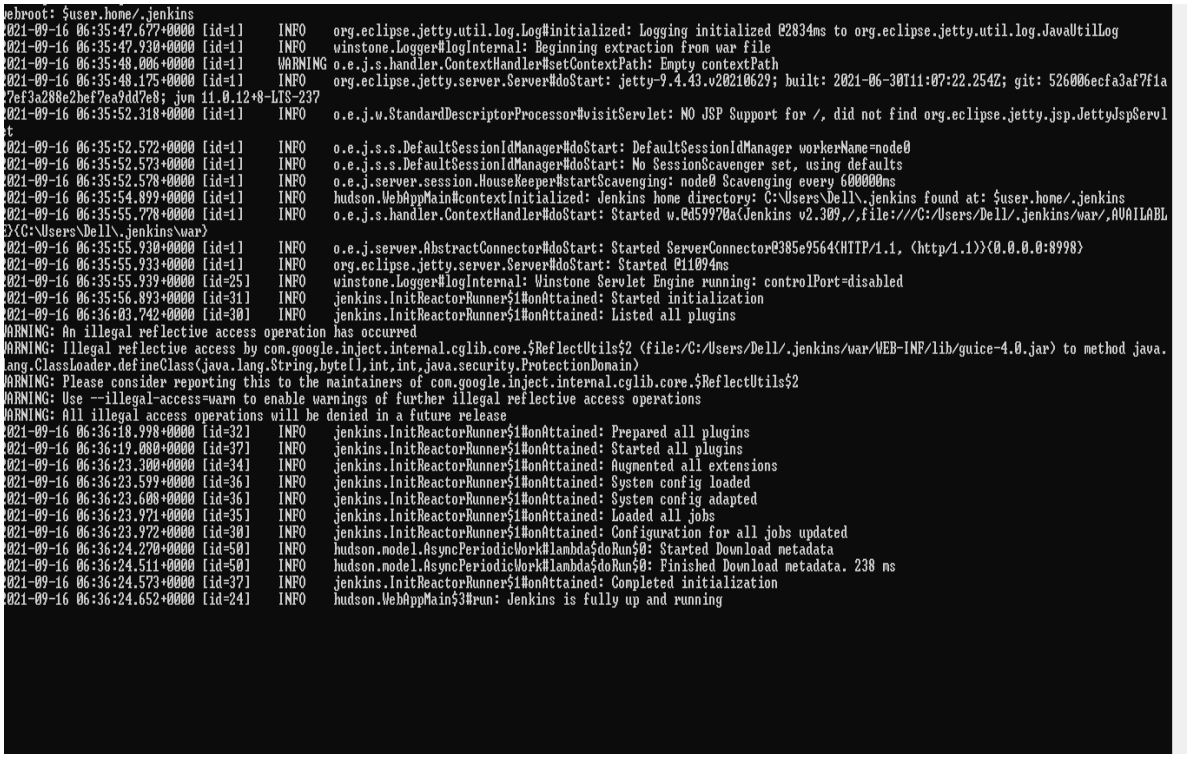
2.

Then that application Uploaded on Git Hub

GitHub link-

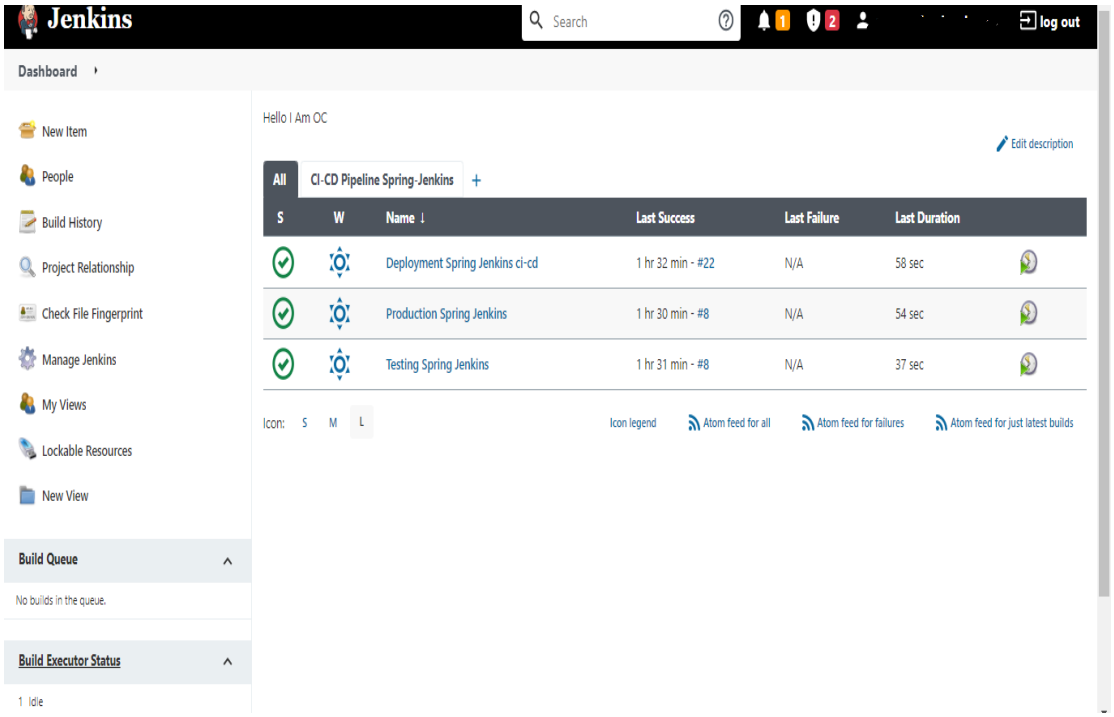
https://github.com/sarahyasmeen/ci_cd_pipeline.git

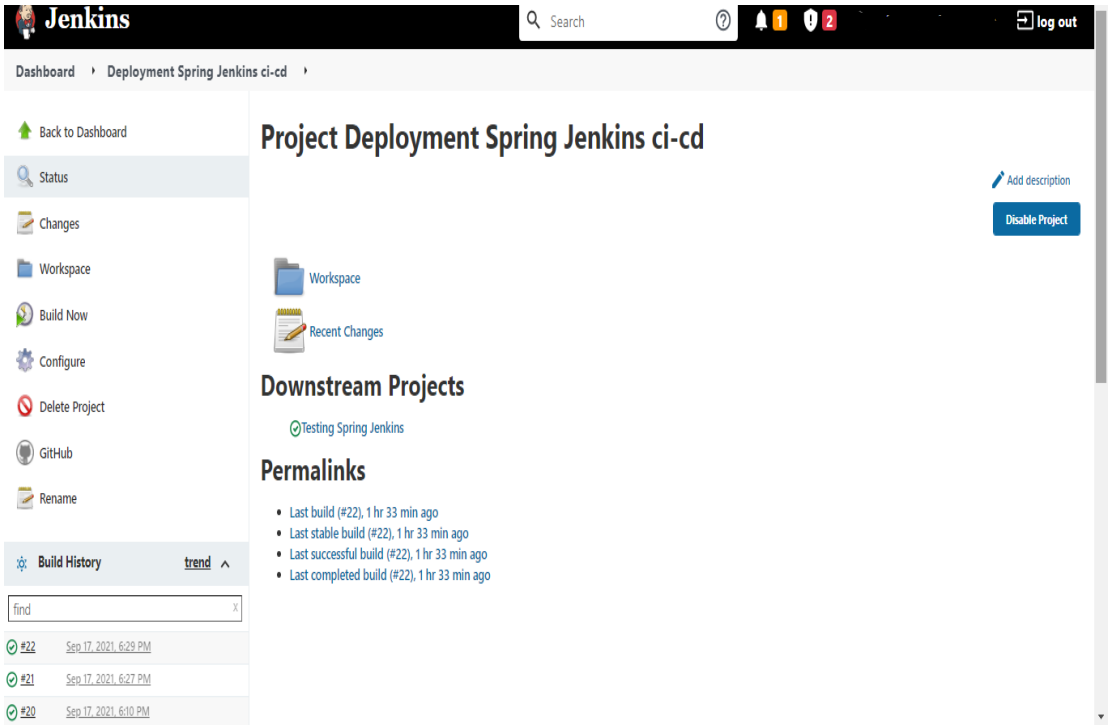
Jenkins : Run Jenkins

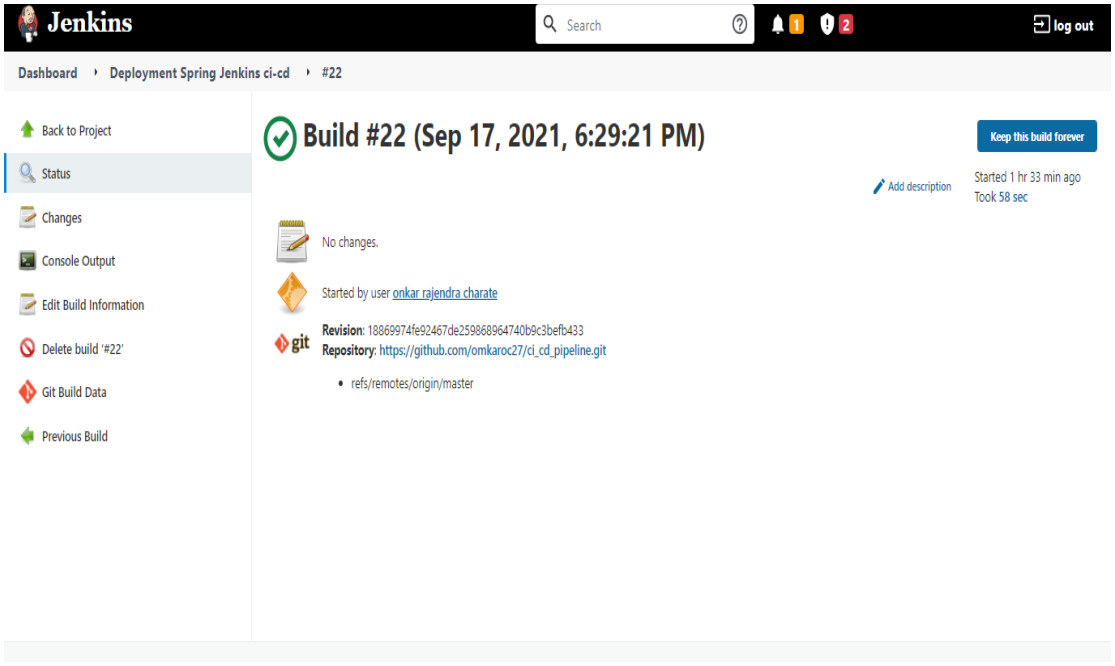


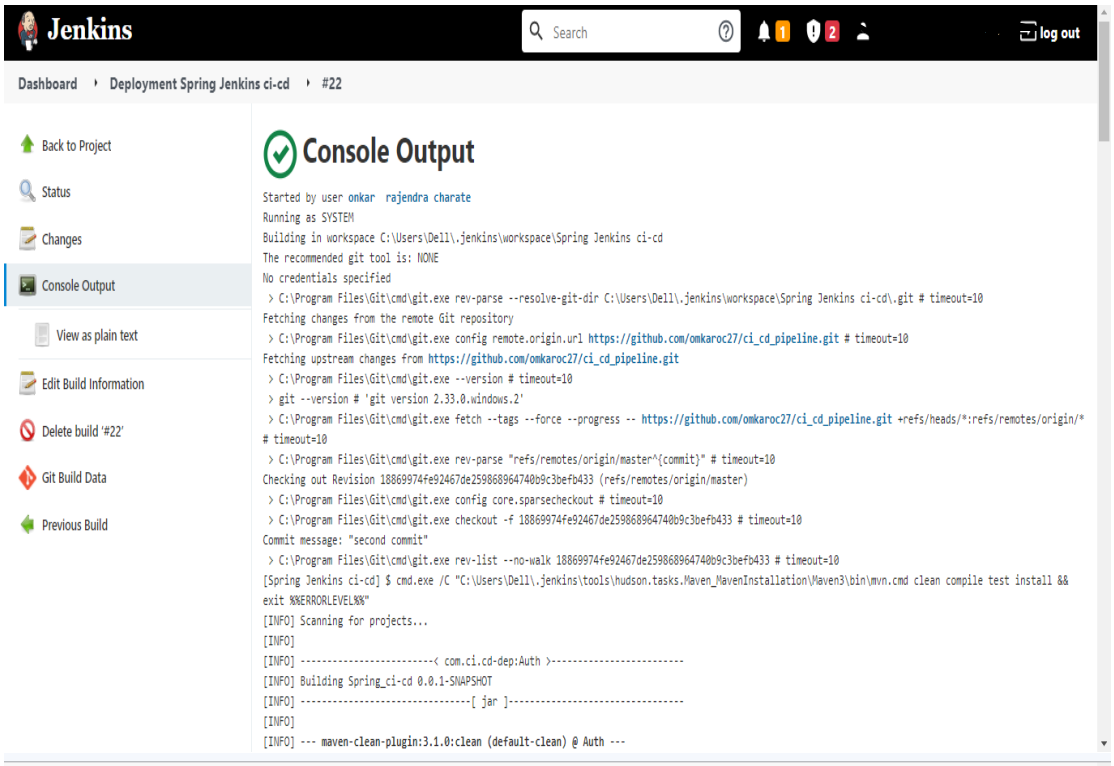
CREATE THREE JENKINS PROJECT DEPLOYMENT:-

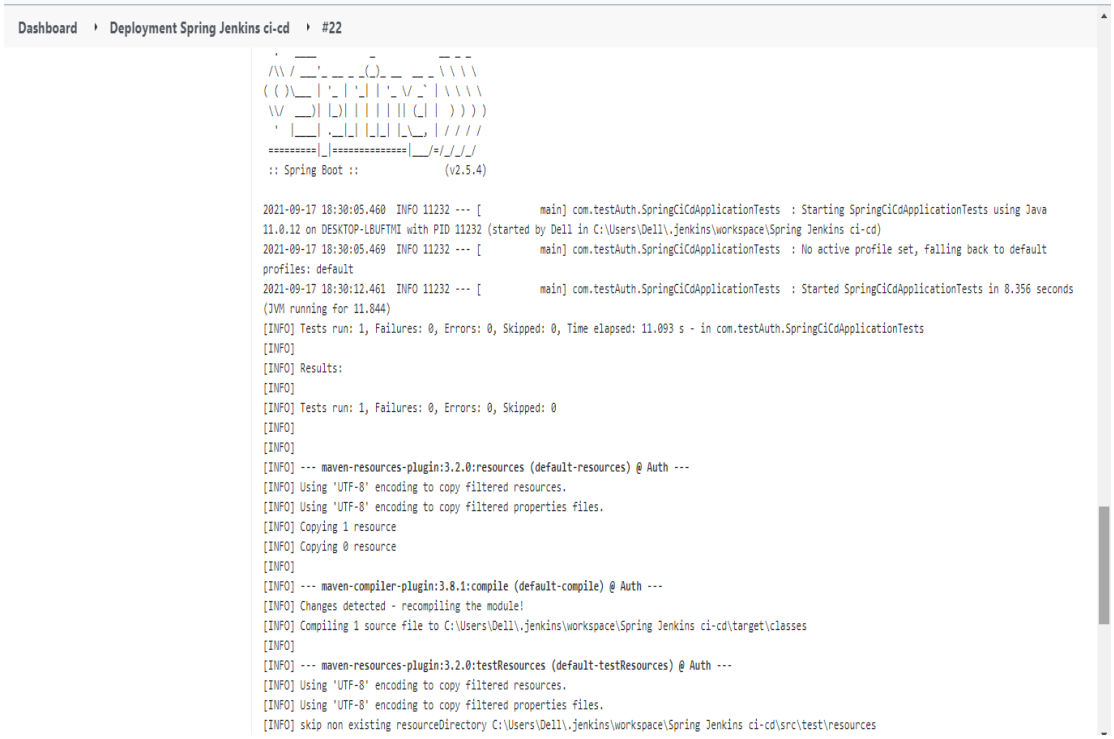
DEPLOYMENT-TESTING-PRODUCTION




Jenkins
Search
log out
Dashboard
Deployment Spring Jenkins ci-cd
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Project
GitHub
Rename
Build History
trend
find
#22 Sep 17, 2021, 6:29 PM
#21 Sep 17, 2021, 6:27 PM
#20 Sep 17, 2021, 6:10 PM
Project Deployment Spring Jenkins ci-cd
Add description
Disable Project
Workspace
Recent Changes
Downstream Projects
Testing Spring Jenkins
Permalinks
Last build (#22), 1 hr 33 min ago
Last stable build (#22), 1 hr 33 min ago
Last successful build (#22), 1 hr 33 min ago
Last completed build (#22), 1 hr 33 min ago

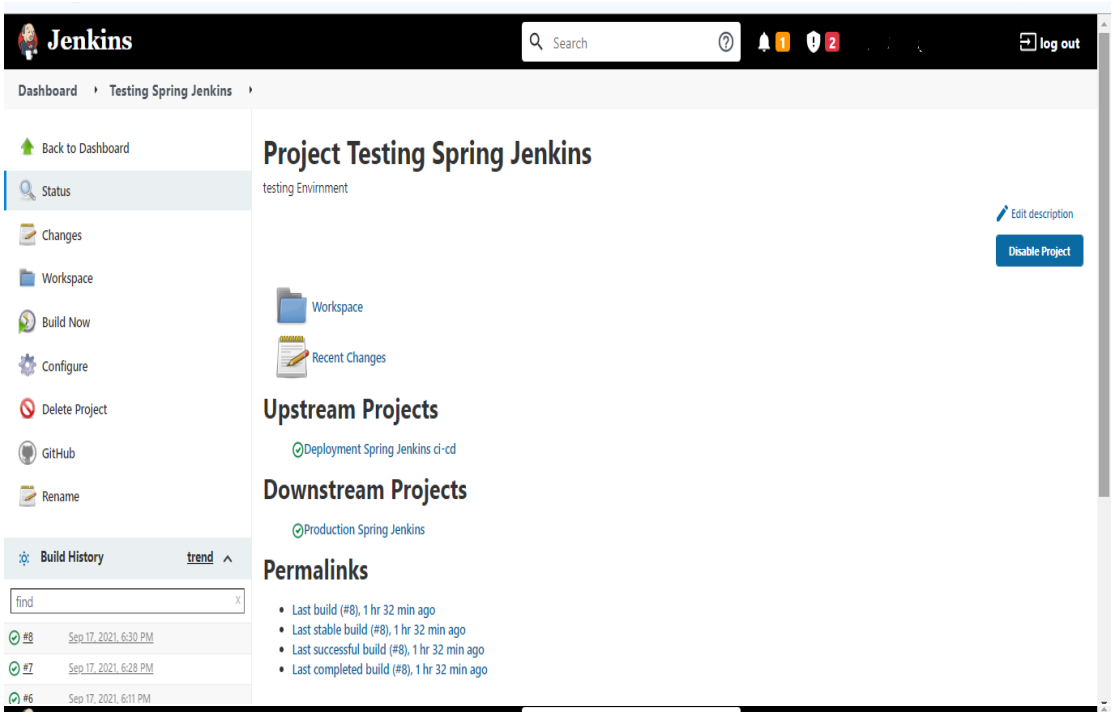

Jenkins
Search
log out
Dashboard
Deployment Spring Jenkins ci-cd
#22
Back to Project
Status
Changes
Console Output
Edit Build Information
Delete build '#22'
Git Build Data
Previous Build
Build #22 (Sep 17, 2021, 6:29:21 PM)
Keep this build forever
Add description
Started 1 hr 33 min ago
Took 58 sec
No changes.
Started by user onkar rajendra charate
Revision: 18869974fe92467de259868964740b9c3befb433
Repository: https://github.com/omkaroc27/ci_cd_pipeline.git
refs/remotes/origin/master

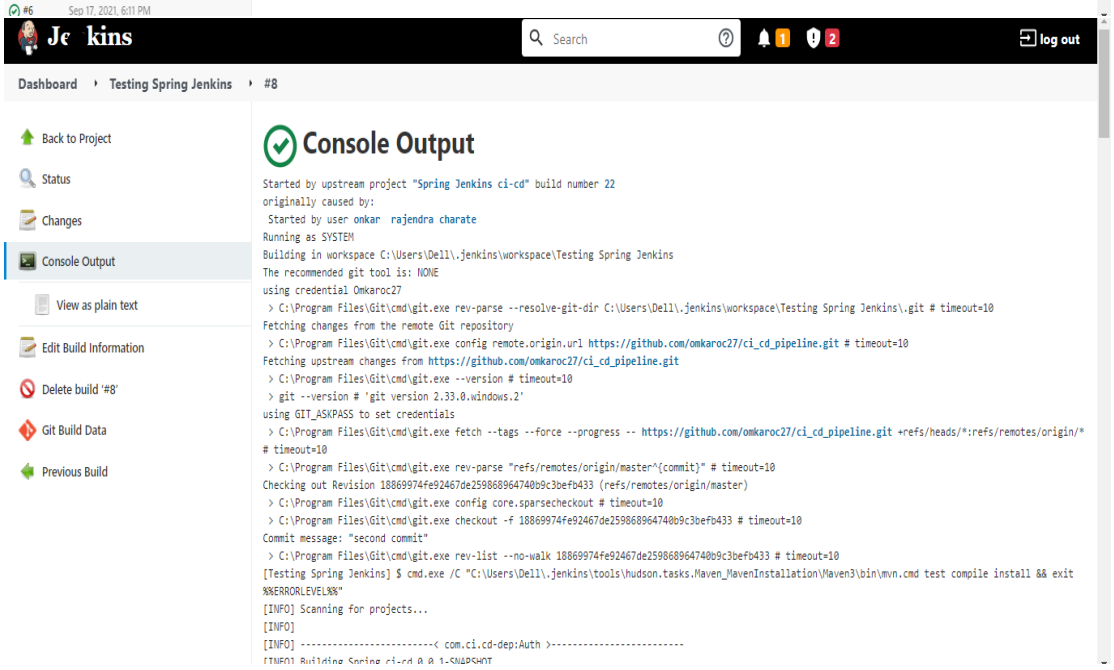

Jenkins
Search
log out
Dashboard › Deployment Spring Jenkins ci-cd › #22
Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#22'
Git Build Data
Previous Build
Console Output
Started by user onkar rajendra charate
Running as SYSTEM
Building in workspace C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd
The recommended git tool is: NONE
No credentials specified
> C:\Program Files\Git\cmd\git.exe rev-parse --resolve-git-dir C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\.git # timeout=10
Fetching changes from the remote Git repository
> C:\Program Files\Git\cmd\git.exe config remote.origin.url https://github.com/omkaroc27/ci_cd_pipeline.git # timeout=10
Fetching upstream changes from https://github.com/omkaroc27/ci_cd_pipeline.git
> C:\Program Files\Git\cmd\git.exe --version # timeout=10
> git --version # 'git version 2.33.0.windows.2'
> C:\Program Files\Git\cmd\git.exe fetch --tags --force --progress -- https://github.com/omkaroc27/ci_cd_pipeline.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> C:\Program Files\Git\cmd\git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision 18869974fe92467de259868964740b9c3befb433 (refs/remotes/origin/master)
> C:\Program Files\Git\cmd\git.exe config core.sparsecheckout # timeout=10
> C:\Program Files\Git\cmd\git.exe checkout -f 18869974fe92467de259868964740b9c3befb433 # timeout=10
Commit message: "second commit"
> C:\Program Files\Git\cmd\git.exe rev-list --no-walk 18869974fe92467de259868964740b9c3befb433 # timeout=10
[Spring Jenkins ci-cd] $ cmd.exe /C "C:\Users\Dell\.jenkins\tools\hudson.tasks.Maven_MavenInstallation\Maven3\bin\mvn.cmd clean compile test install && exit %%ERRORLEVEL%%"
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------------< com.ci.cd-dep:Auth >------------------------
[INFO] Building Spring_ci-cd 0.0.1-SNAPSHOT
[INFO] --------------------------------[jar]---------------------------------
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ Auth ---


Dashboard › Deployment Spring Jenkins ci-cd › #22
:: Spring Boot :: (v2.5.4)
2021-09-17 18:30:05.460 INFO 11232 --- [main] com.testAuth.SpringCiCdApplicationTests : Starting SpringCiCdApplicationTests using Java 11.0.12 on DESKTOP-LBUFTMI with PID 11232 (started by Dell in C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd)
2021-09-17 18:30:05.469 INFO 11232 --- [main] com.testAuth.SpringCiCdApplicationTests : No active profile set, falling back to default profiles: default
2021-09-17 18:30:12.461 INFO 11232 --- [main] com.testAuth.SpringCiCdApplicationTests : Started SpringCiCdApplicationTests in 8.356 seconds (JVM running for 11.844)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 11.093 s - in com.testAuth.SpringCiCdApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ Auth ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\src\test\resources

```
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ Auth ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ Auth ---
[INFO] Skipping execution of surefire because it has already been run for this configuration
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ Auth ---
[INFO] Building jar: C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\target\Auth-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.5.4:repackage (repackage) @ Auth ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ Auth ---
[INFO] Installing C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\target\Auth-0.0.1-SNAPSHOT.jar to C:\Users\Dell\.m2\repository\com\ci\cd-
dep\Auth\0.0.1-SNAPSHOT\Auth-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\Dell\.jenkins\workspace\Spring Jenkins ci-cd\pom.xml to C:\Users\Dell\.m2\repository\com\ci\cd-dep\Auth\0.0.1-SNAPSHOT\Auth-
0.0.1-SNAPSHOT.pom
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  39.186 s
[INFO] Finished at: 2021-09-17T18:30:19+05:30
[INFO] ------------------------------------------------------------------------
Triggering a new build of Testing Spring Jenkins
Finished: SUCCESS
```

TESTING


Jenkins
Search
log out
Dashboard
Testing Spring Jenkins
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Project
GitHub
Rename
Build History
trend
find
#8 Sep 17, 2021, 6:30 PM
#7 Sep 17, 2021, 6:28 PM
#6 Sep 17, 2021, 6:11 PM
Project Testing Spring Jenkins
testing Enviroment
Edit description
Disable Project
Workspace
Recent Changes
Upstream Projects
Deployment Spring Jenkins ci-cd
Downstream Projects
Production Spring Jenkins
Permalinks
Last build (#8), 1 hr 32 min ago
Last stable build (#8), 1 hr 32 min ago
Last successful build (#8), 1 hr 32 min ago
Last completed build (#8), 1 hr 32 min ago

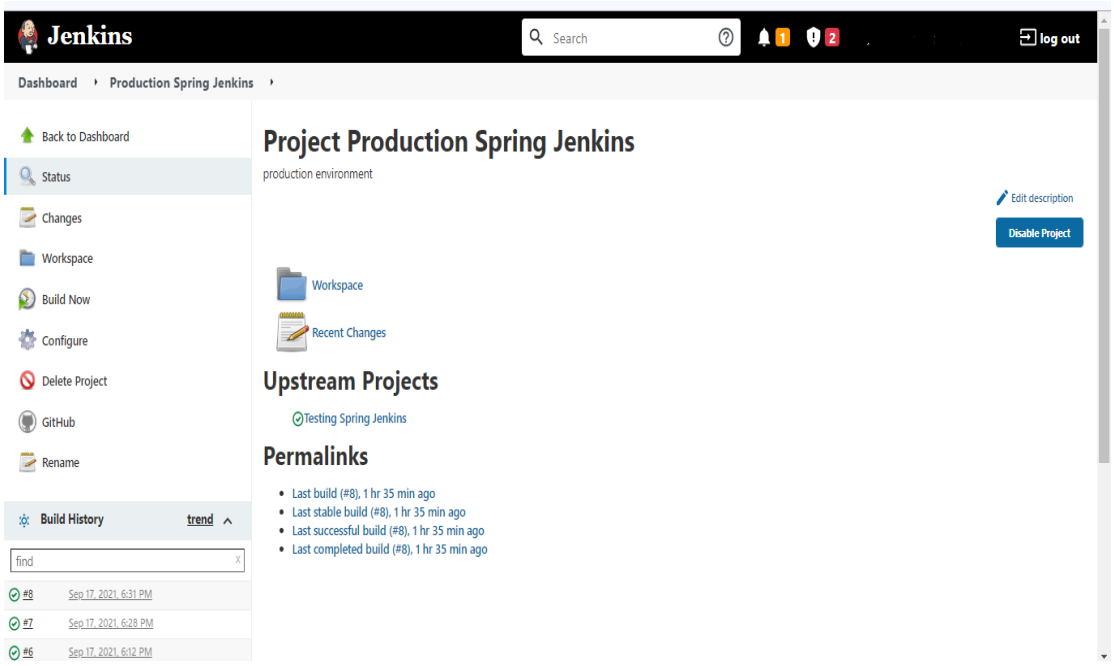

Search
log out
Dashboard
Testing Spring Jenkins
#8
Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#8'
Git Build Data
Previous Build
Console Output
Started by upstream project "Spring Jenkins ci-cd" build number 22
originally caused by:
Started by user onkar rajendra charate
Running as SYSTEM
Building in workspace C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins
The recommended git tool is: NONE
using credential Omkaroc27
> C:\Program Files\Git\cmd\git.exe rev-parse --resolve-git-dir C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins\.git # timeout=10
Fetching changes from the remote Git repository
> C:\Program Files\Git\cmd\git.exe config remote.origin.url https://github.com/omkaroc27/ci_cd_pipeline.git # timeout=10
Fetching upstream changes from https://github.com/omkaroc27/ci_cd_pipeline.git
> C:\Program Files\Git\cmd\git.exe --version # timeout=10
> git --version # 'git version 2.33.0.windows.2'
using GIT_ASKPASS to set credentials
> C:\Program Files\Git\cmd\git.exe fetch --tags --force --progress -- https://github.com/omkaroc27/ci_cd_pipeline.git +refs/heads/*:refs/remotes/origin/*
timeout=10
> C:\Program Files\Git\cmd\git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision 18869974fe92467de259868964740b9c3befb433 (refs/remotes/origin/master)
> C:\Program Files\Git\cmd\git.exe config core.sparsecheckout # timeout=10
> C:\Program Files\Git\cmd\git.exe checkout -f 18869974fe92467de259868964740b9c3befb433 # timeout=10
Commit message: "second commit"
> C:\Program Files\Git\cmd\git.exe rev-list --no-walk 18869974fe92467de259868964740b9c3befb433 # timeout=10
[Testing Spring Jenkins] $ cmd.exe /C "C:\Users\Dell\.jenkins\tools\hudson.tasks.Maven_MavenInstallation\Maven3\bin\mvn.cmd test compile install && exit
%%ERRORLEVEL%%"
[INFO] Scanning for projects...
[INFO]
[INFO] ------------------------< com.ci.cd-dep:Auth >------------------------

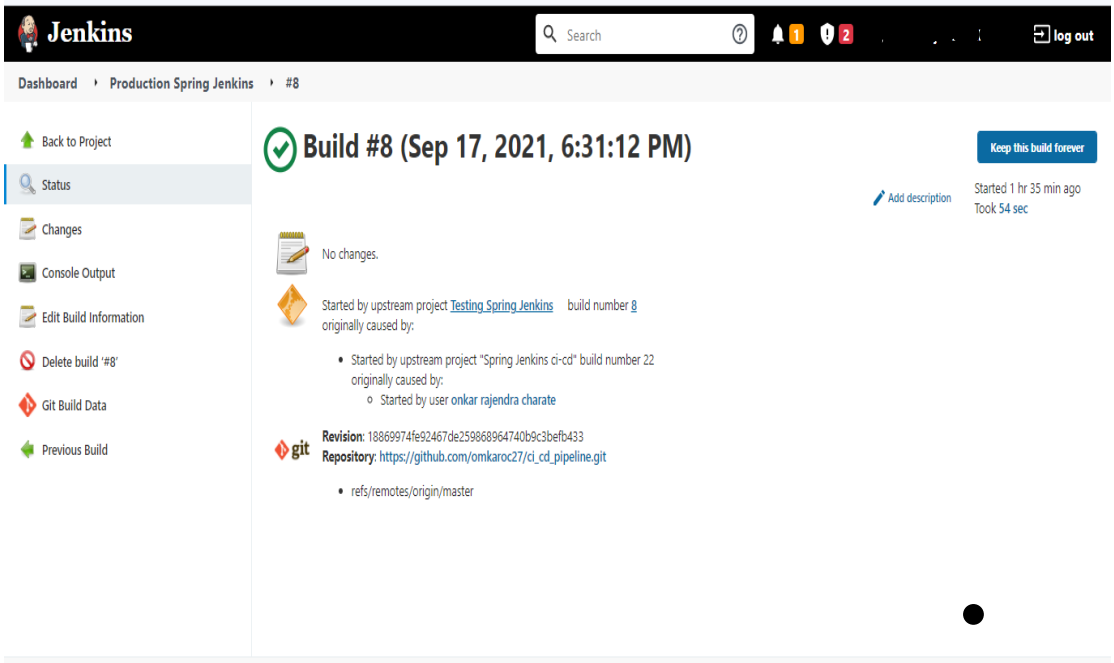
```
18:30:49.729 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUtils - Adding inlined properties to environment:
{spring.jmx.enabled=false, org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}


  .   ____          _            __ _ _
 /\\ / ___'_ __ _ _(_)_ __  __ _ \ \ \ \
( ( )\___ | '_ | '_| | '_ \/ _` | \ \ \ \
 \\/  ___)| |_)| | | | | || (_| |  ) ) ) )
  '  |____| .__|_| |_|_| |_\__, | / / / /
 =========|_|==============|___/=/_/_/_/
 :: Spring Boot ::                (v2.5.4)

2021-09-17 18:30:47.111  INFO 15660 --- [           main] com.testAuth.SpringCiCdApplicationTests  : Starting SpringCiCdApplicationTests using Java
11.0.12 on DESKTOP-LBUFTMI with PID 15660 (started by Dell in C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins)
2021-09-17 18:30:47.123  INFO 15660 --- [           main] com.testAuth.SpringCiCdApplicationTests  : No active profile set, falling back to default
profiles: default
2021-09-17 18:30:54.842  INFO 15660 --- [           main] com.testAuth.SpringCiCdApplicationTests  : Started SpringCiCdApplicationTests in 9.085 seconds
(JVM running for 12.535)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 11.737 s - in com.testAuth.SpringCiCdApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ Auth ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
```

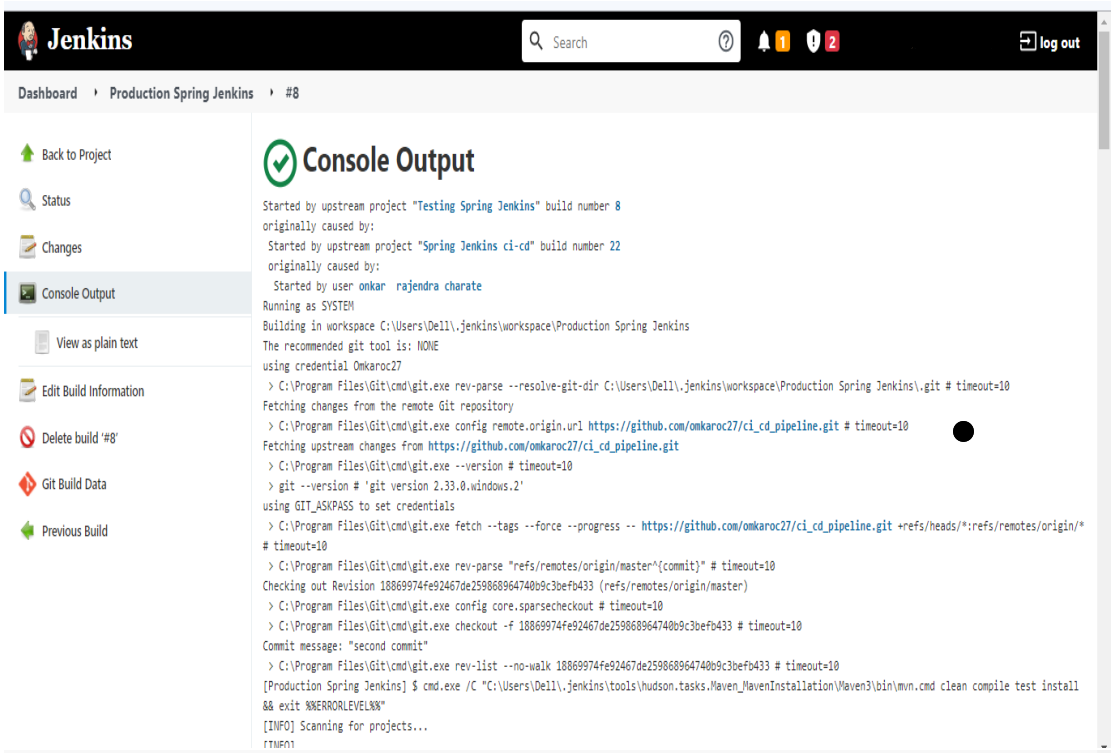
Dashboard › Testing Spring Jenkins › #8

```
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ Auth ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ Auth ---
[INFO] Skipping execution of surefire because it has already been run for this configuration
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ Auth ---
[INFO]
[INFO] --- spring-boot-maven-plugin:2.5.4:repackage (repackage) @ Auth ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ Auth ---
[INFO] Installing C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins\target\Auth-0.0.1-SNAPSHOT.jar to C:\Users\Dell\.m2\repository\com\ci\cd-
dep\Auth\0.0.1-SNAPSHOT\Auth-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\Dell\.jenkins\workspace\Testing Spring Jenkins\pom.xml to C:\Users\Dell\.m2\repository\com\ci\cd-dep\Auth\0.0.1-SNAPSHOT\Auth-
0.0.1-SNAPSHOT.pom
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  28.837 s
[INFO] Finished at: 2021-09-17T18:31:02+05:30
[INFO] ------------------------------------------------------------------------
Triggering a new build of Production Spring Jenkins
Finished: SUCCESS
```

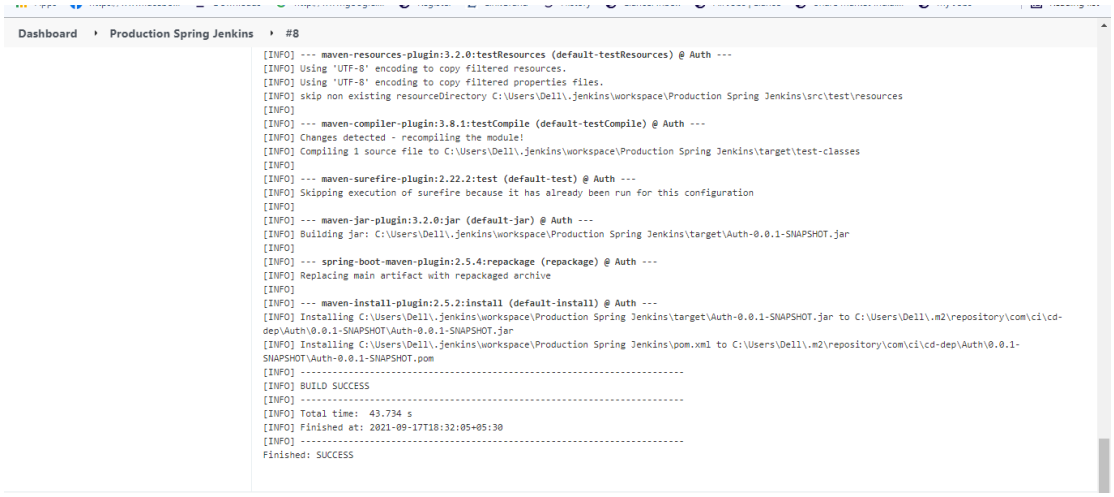
PRODUCTION


Jenkins
Search
log out
Dashboard
Production Spring Jenkins
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Project
GitHub
Rename
Build History
trend
find
#8 Sep 17, 2021, 6:31 PM
#7 Sep 17, 2021, 6:28 PM
#6 Sep 17, 2021, 6:12 PM
Project Production Spring Jenkins
production environment
Edit description
Disable Project
Workspace
Recent Changes
Upstream Projects
Testing Spring Jenkins
Permalinks
Last build (#8), 1 hr 35 min ago
Last stable build (#8), 1 hr 35 min ago
Last successful build (#8), 1 hr 35 min ago
Last completed build (#8), 1 hr 35 min ago


Jenkins
Search
log out
Dashboard
Production Spring Jenkins
#8
Back to Project
Status
Changes
Console Output
Edit Build Information
Delete build '#8'
Git Build Data
Previous Build
Build #8 (Sep 17, 2021, 6:31:12 PM)
Keep this build forever
Add description
Started 1 hr 35 min ago
Took 54 sec
No changes.
Started by upstream project Testing Spring Jenkins build number 8
originally caused by:
Started by upstream project "Spring Jenkins ci-cd" build number 22
originally caused by:
Started by user onkar rajendra charate
Revision: 18869974fe92467de259868964740b9c3befb433
Repository: https://github.com/omkaroc27/ci_cd_pipeline.git
refs/remotes/origin/master


Jenkins
Search
log out
Dashboard › Production Spring Jenkins › #8
Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#8'
Git Build Data
Previous Build
Console Output
Started by upstream project "Testing Spring Jenkins" build number 8
originally caused by:
Started by upstream project "Spring Jenkins ci-cd" build number 22
originally caused by:
Started by user onkar rajendra charate
Running as SYSTEM
Building in workspace C:\Users\Dell\.jenkins\workspace\Production Spring Jenkins
The recommended git tool is: NONE
using credential Omkaroc27
> C:\Program Files\Git\cmd\git.exe rev-parse --resolve-git-dir C:\Users\Dell\.jenkins\workspace\Production Spring Jenkins\.git # timeout=10
Fetching changes from the remote Git repository
> C:\Program Files\Git\cmd\git.exe config remote.origin.url https://github.com/omkaroc27/ci_cd_pipeline.git # timeout=10
Fetching upstream changes from https://github.com/omkaroc27/ci_cd_pipeline.git
> C:\Program Files\Git\cmd\git.exe --version # timeout=10
> git --version # 'git version 2.33.0.windows.2'
using GIT_ASKPASS to set credentials
> C:\Program Files\Git\cmd\git.exe fetch --tags --force --progress -- https://github.com/omkaroc27/ci_cd_pipeline.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> C:\Program Files\Git\cmd\git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision 18869974fe92467de259868964740b9c3befb433 (refs/remotes/origin/master)
> C:\Program Files\Git\cmd\git.exe config core.sparsecheckout # timeout=10
> C:\Program Files\Git\cmd\git.exe checkout -f 18869974fe92467de259868964740b9c3befb433 # timeout=10
Commit message: "second commit"
> C:\Program Files\Git\cmd\git.exe rev-list --no-walk 18869974fe92467de259868964740b9c3befb433 # timeout=10
[Production Spring Jenkins] $ cmd.exe /C "C:\Users\Dell\.jenkins\tools\hudson.tasks.Maven_MavenInstallation\Maven3\bin\mvn.cmd clean compile test install && exit %%ERRORLEVEL%%"
[INFO] Scanning for projects...

Dashboard › Production Spring Jenkins › #8
org.springframework.boot.test.autoconfigure.properties.PropertyMappingContextCustomizer@0,
org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCustomizerFactory$Customizer@2e570ded,
org.springframework.boot.test.context.SpringBootTestArgs@1, org.springframework.boot.test.context.SpringBootTestWebEnvironment@22a637e7], resourceBasePath = 'src/main/webapp', contextLoader = 'org.springframework.boot.test.context.SpringBootContextLoader', parent = [null]], attributes = map['org.springframework.test.context.web.ServletTestExecutionListener.activateListener' -> true]], class annotated with @DirtiesContext [false] with mode [null].
18:31:47.455 [main] DEBUG org.springframework.test.context.support.TestPropertySourceUtils - Adding inlined properties to environment: {spring.jmx.enabled=false, org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}
:: Spring Boot :: (v2.5.4)
2021-09-17 18:31:48.992 INFO 11884 --- [main] com.testAuth.SpringCiCdApplicationTests : Starting SpringCiCdApplicationTests using Java 11.0.12 on DESKTOP-LBUFTMI with PID 11884 (started by Dell in C:\Users\Dell\.jenkins\workspace\Production Spring Jenkins)
2021-09-17 18:31:49.002 INFO 11884 --- [main] com.testAuth.SpringCiCdApplicationTests : No active profile set, falling back to default profiles: default
2021-09-17 18:31:58.462 INFO 11884 --- [main] com.testAuth.SpringCiCdApplicationTests : Started SpringCiCdApplicationTests in 10.985 seconds (JVM running for 15.066)
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 13.803 s - in com.testAuth.SpringCiCdApplicationTests
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ Auth ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 1 resource
[INFO] Copying 0 resource



3) in Jenkins I create three build for continues deployment

And pipeline them

AWS EC2

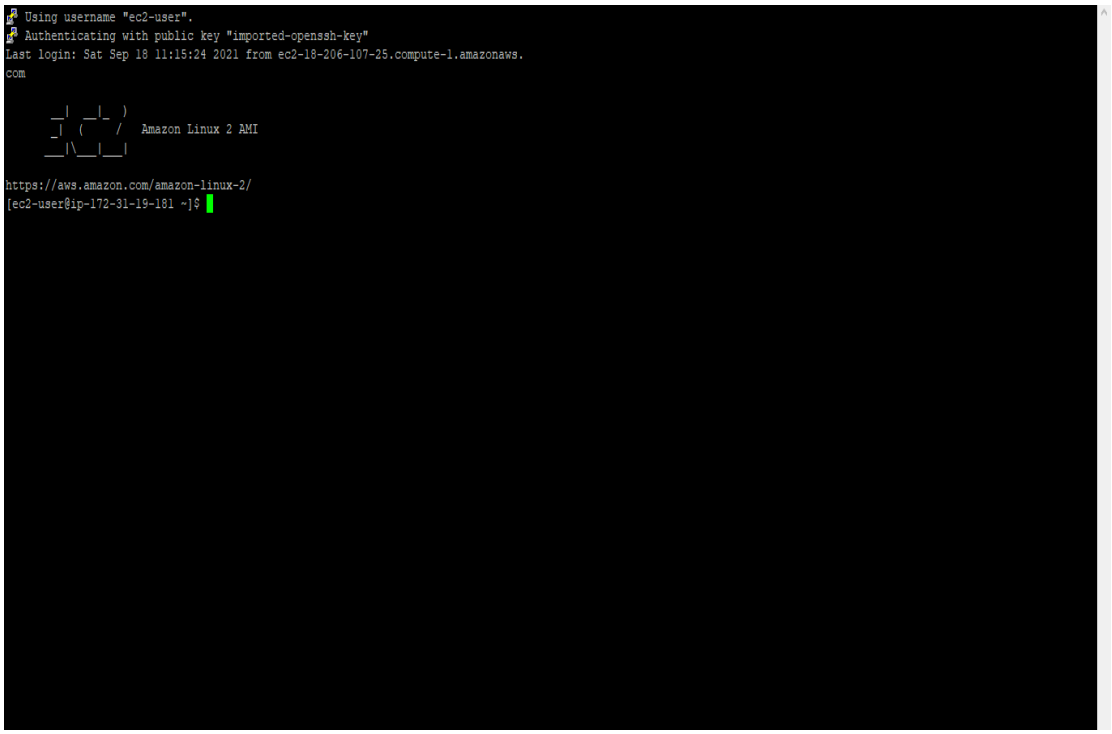
1. First I create EC2 instance

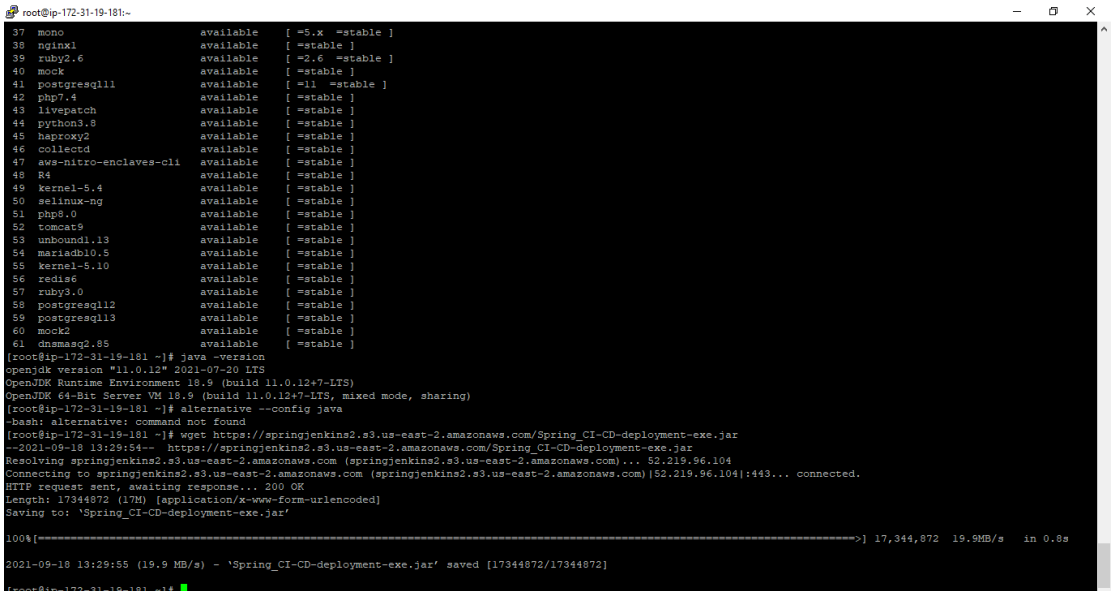
2. Create Spring boot Application jar file

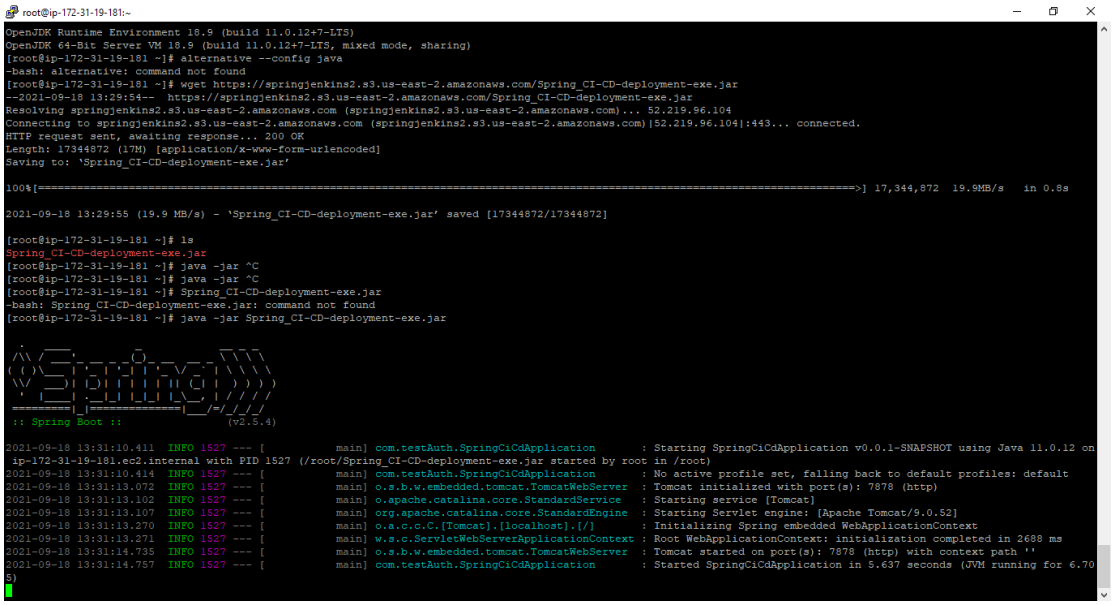
(Spring_CI-CD-deployment-exe.jar)

3. then its store in s3 bucket

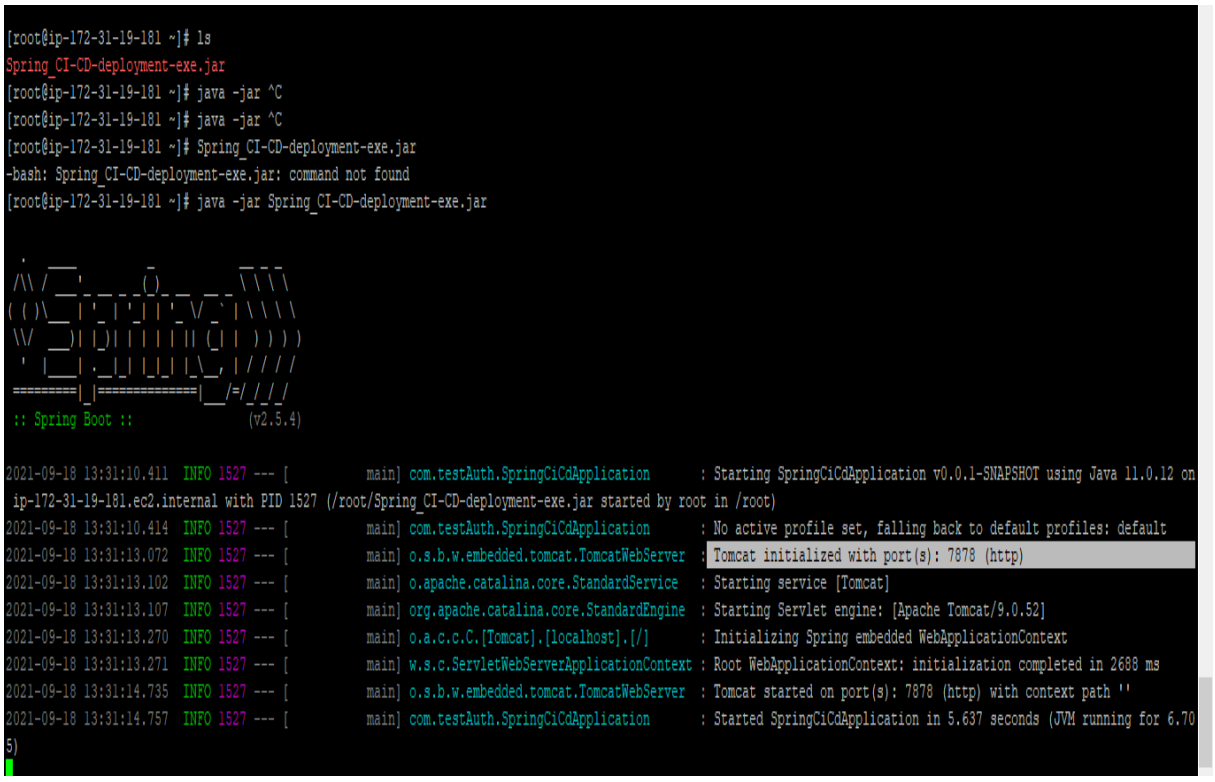
4. then open command line and deploy Application in EC2 Instance







5. Application Started running with Port no 7878

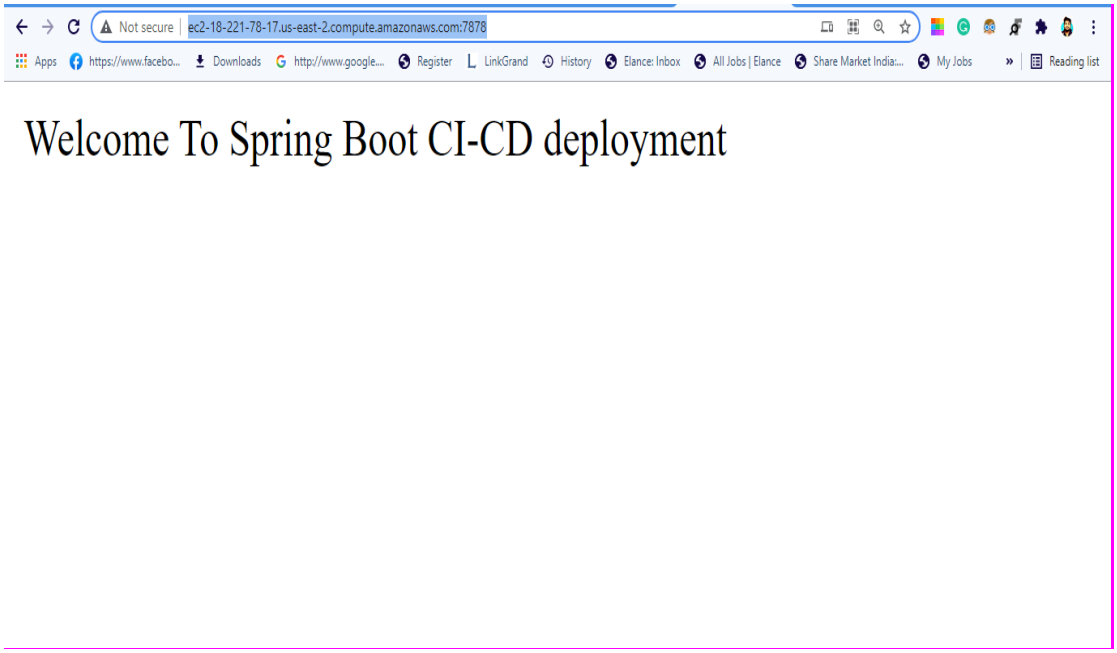


6.Last **host the application on AWS EC2 instance.**

Application running with this URL:-

ec2-18-221-78-17.us-east-2.compute.amazonaws.com:7878/

Final Output:-



With this AWS Hosted URL