Dhwani Vaidya

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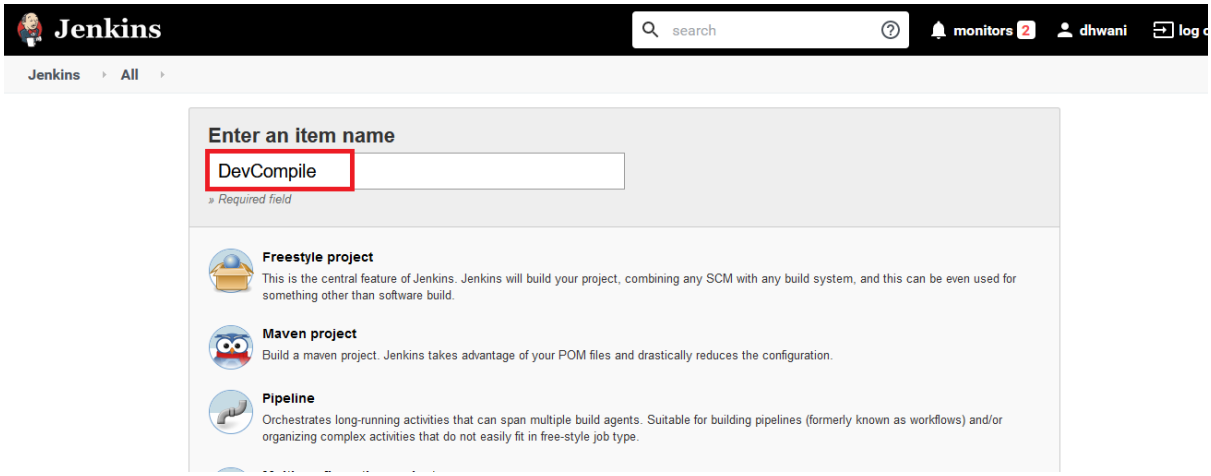
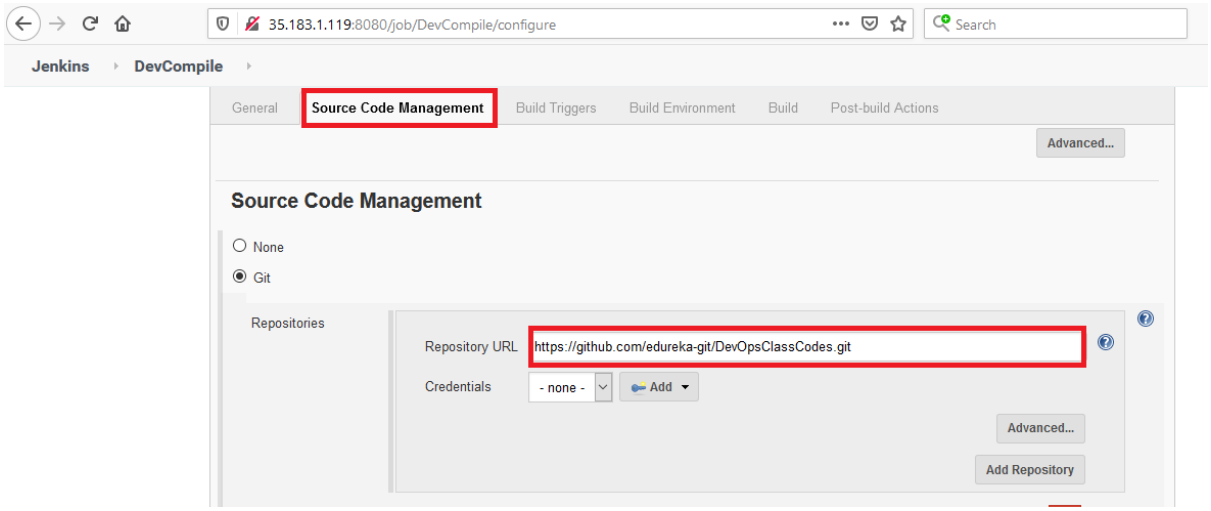
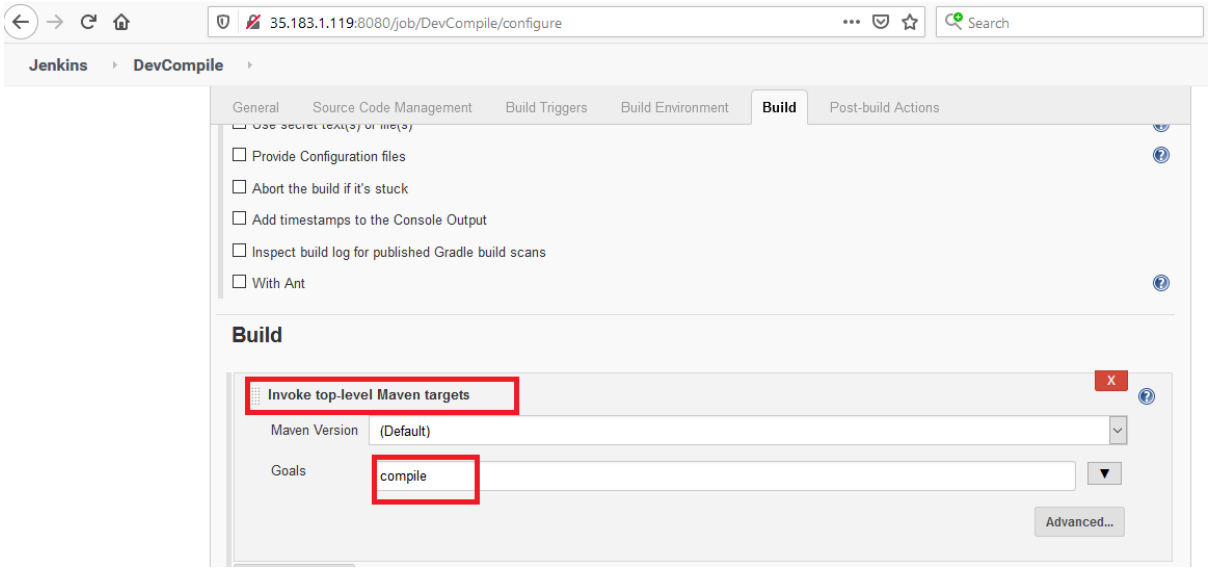
Subject: Created multiple projects and then integrated them into build pipeline view.

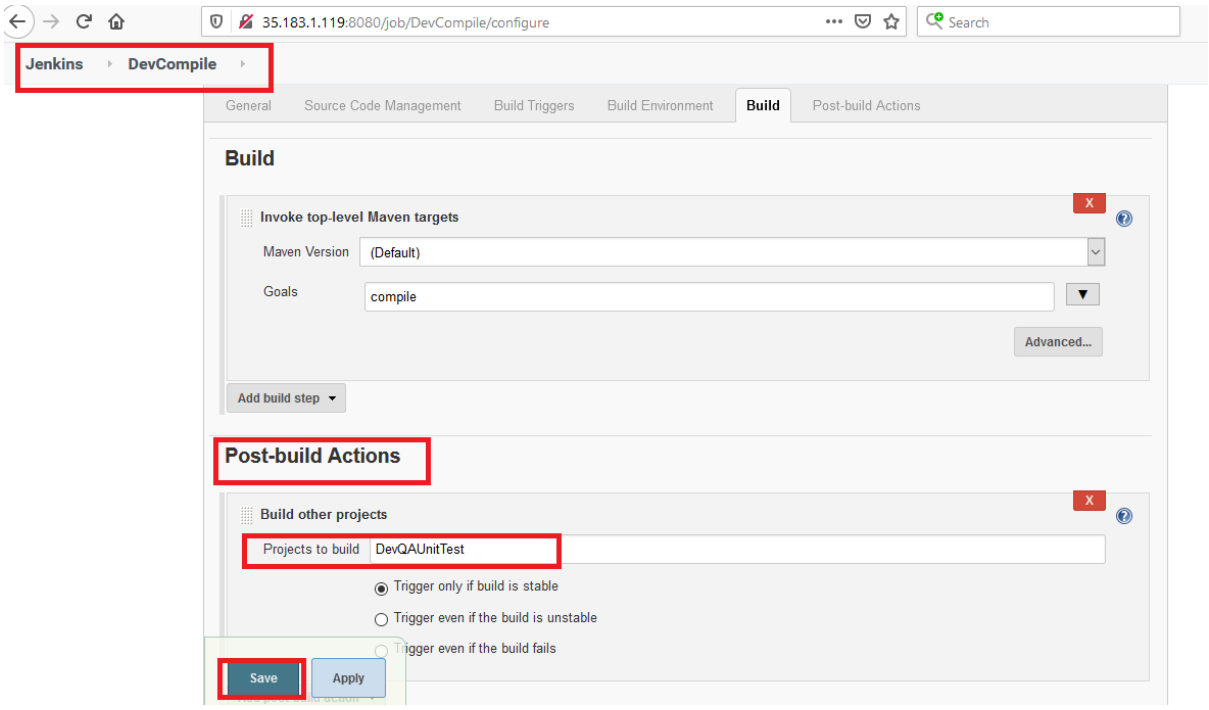
Continuous Integration Using Jenkins

Demo –1: Created Pipeline view using DevCompile and QAUnitTest

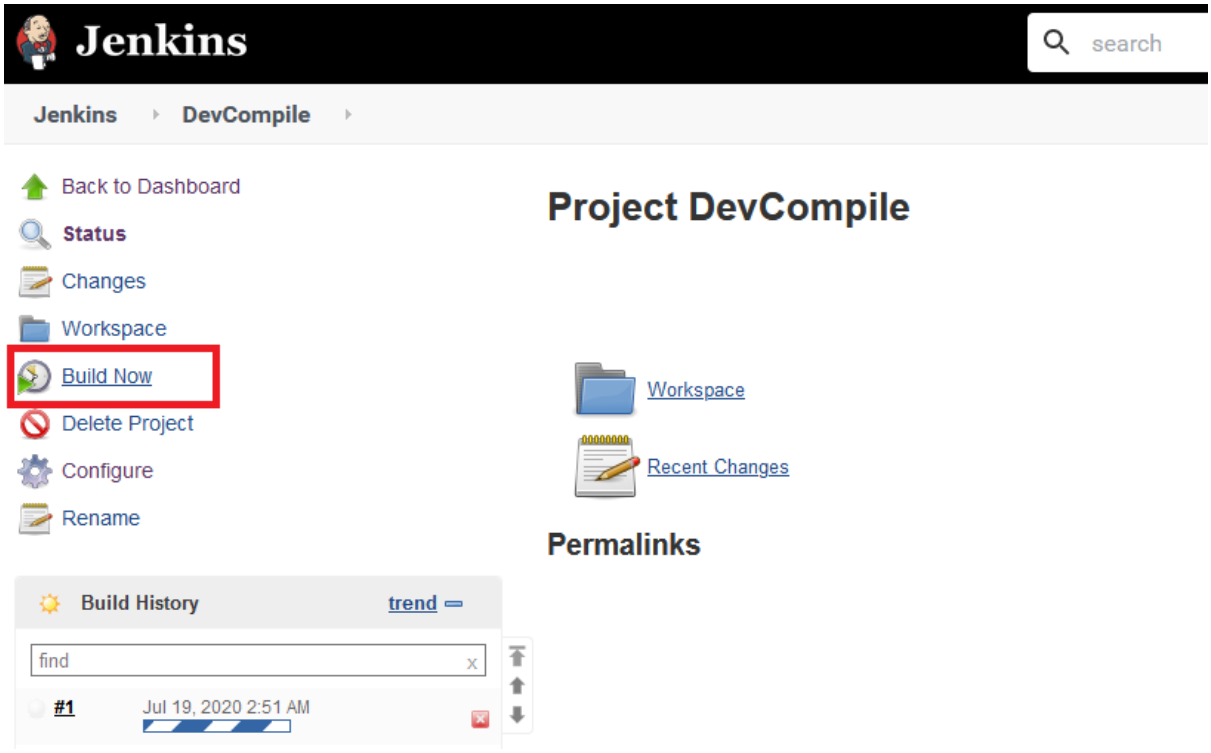


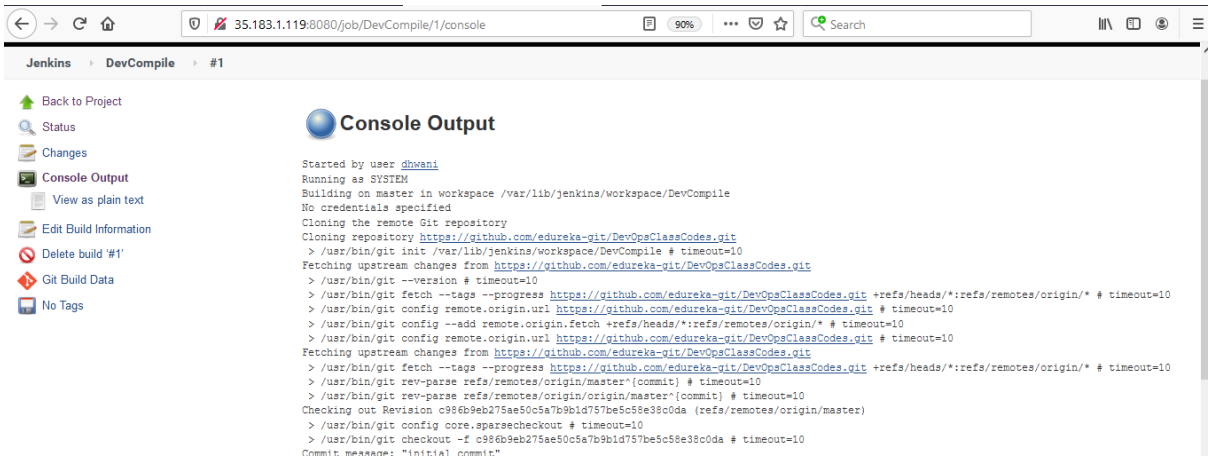


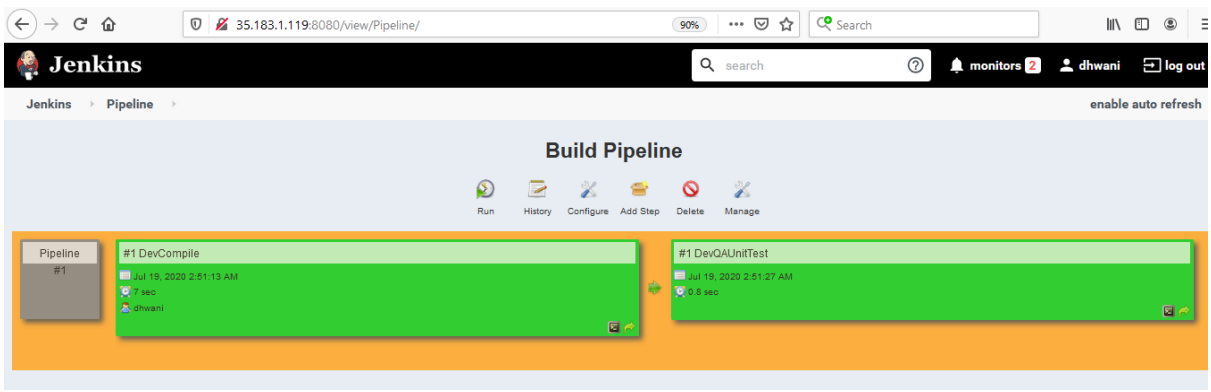




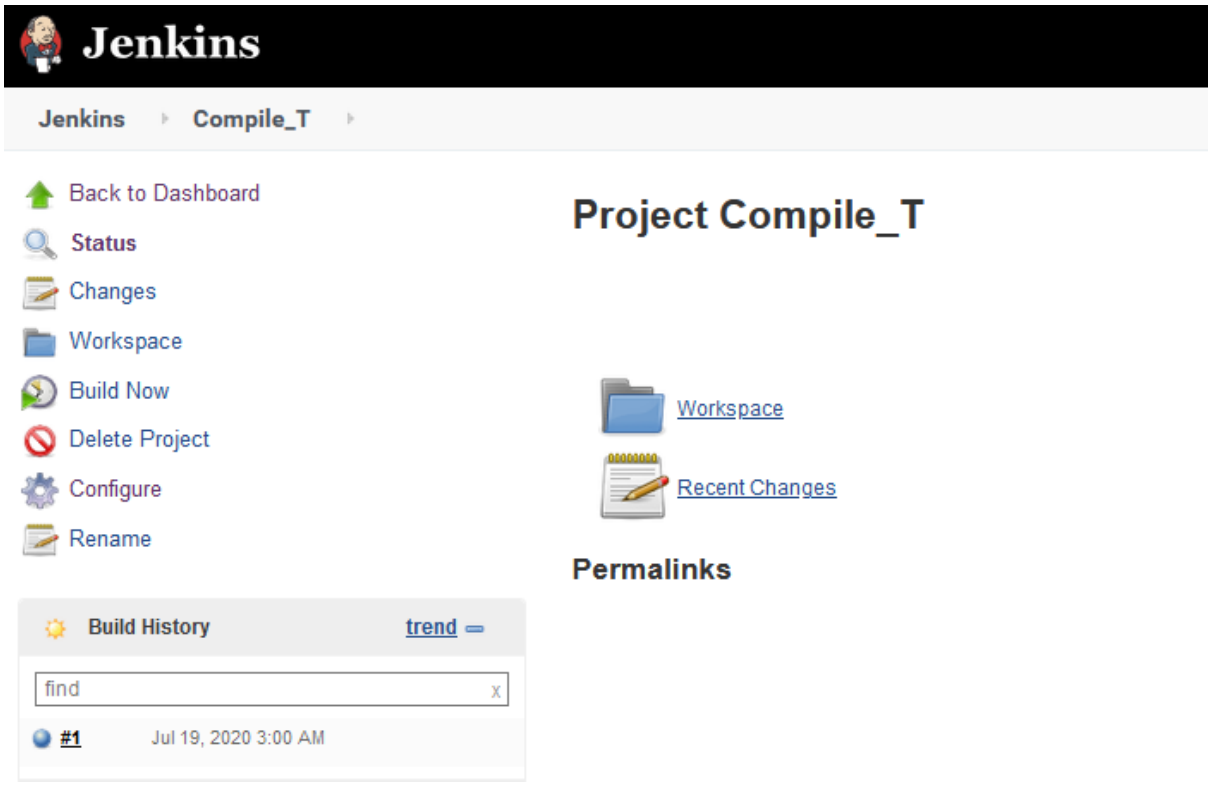
Configure DevCompileproject and set post build action as QAUnitTest

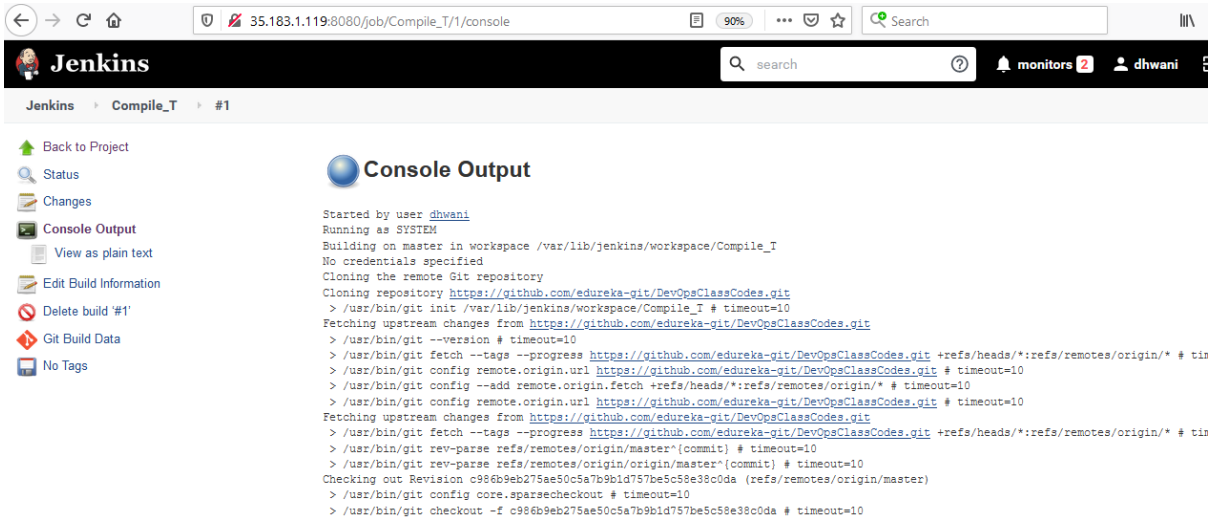

Jenkins
search
Jenkins
DevCompile
Back to Dashboard
Status
Changes
Workspace
Build Now
Delete Project
Configure
Rename
Project DevCompile
Workspace
Recent Changes
Permalinks
Build History
trend
find
#1
Jul 19, 2020 2:51 AM


35.183.1.119:8080/job/DevCompile/1/console
Jenkins
DevCompile
#1
Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#1'
Git Build Data
No Tags
Console Output
Started by user dhwani
Running as SYSTEM
Building on master in workspace /var/lib/jenkins/workspace/DevCompile
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/edureka-git/DevOpsClassCodes.git
> /usr/bin/git init /var/lib/jenkins/workspace/DevCompile # timeout=10
Fetching upstream changes from https://github.com/edureka-git/DevOpsClassCodes.git
> /usr/bin/git --version # timeout=10
> /usr/bin/git fetch --tags --progress https://github.com/edureka-git/DevOpsClassCodes.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> /usr/bin/git config remote.origin.url https://github.com/edureka-git/DevOpsClassCodes.git # timeout=10
> /usr/bin/git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
> /usr/bin/git config remote.origin.url https://github.com/edureka-git/DevOpsClassCodes.git # timeout=10
Fetching upstream changes from https://github.com/edureka-git/DevOpsClassCodes.git
> /usr/bin/git fetch --tags --progress https://github.com/edureka-git/DevOpsClassCodes.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> /usr/bin/git rev-parse refs/remotes/origin/master^{commit} # timeout=10
> /usr/bin/git rev-parse refs/remotes/origin/origin/master^{commit} # timeout=10
Checking out Revision c986b9eb275ae50c5a7b9b1d757be5c58e38c0da (refs/remotes/origin/master)
> /usr/bin/git config core.sparsecheckout # timeout=10
> /usr/bin/git checkout -f c986b9eb275ae50c5a7b9b1d757be5c58e38c0da # timeout=10

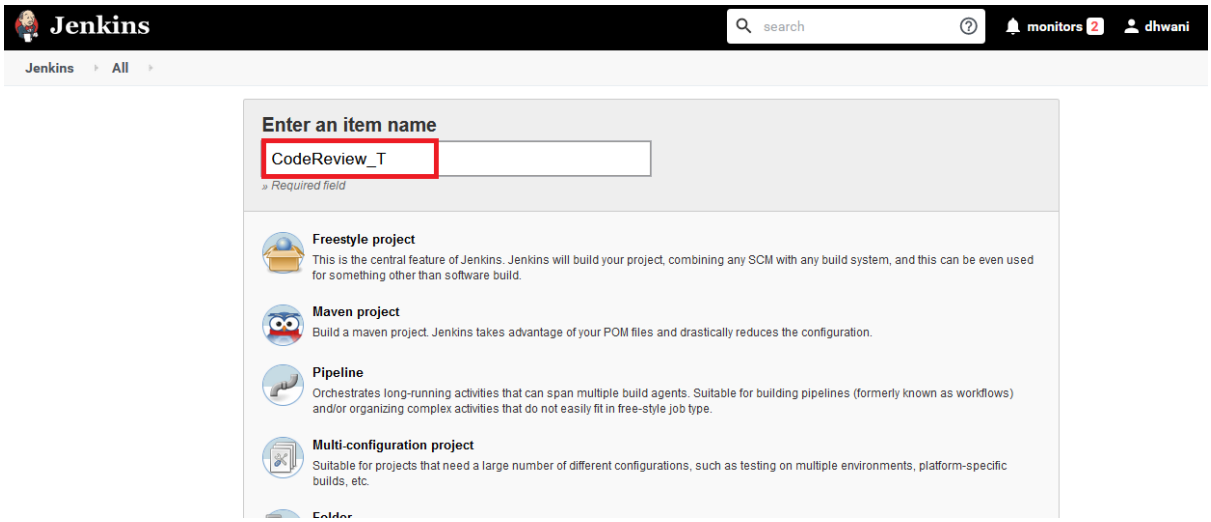

35.183.1.119:8080/view/Pipeline/
Jenkins
search
monitors 2
dhwani
log out
Jenkins
Pipeline
enable auto refresh
Build Pipeline
Run
History
Configure
Add Step
Delete
Manage
Pipeline
#1
#1 DevCompile
Jul 19, 2020 2:51:13 AM
7 sec
dhwani
#1 DevQAUnitTest
Jul 19, 2020 2:51:27 AM
0.8 sec

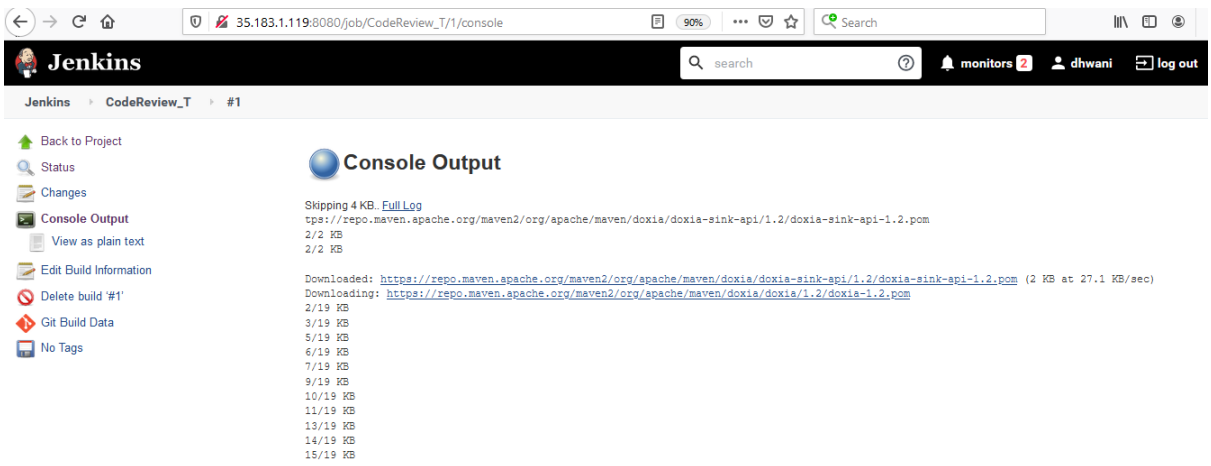
2 : Created The Whole Delivery Pipeline View





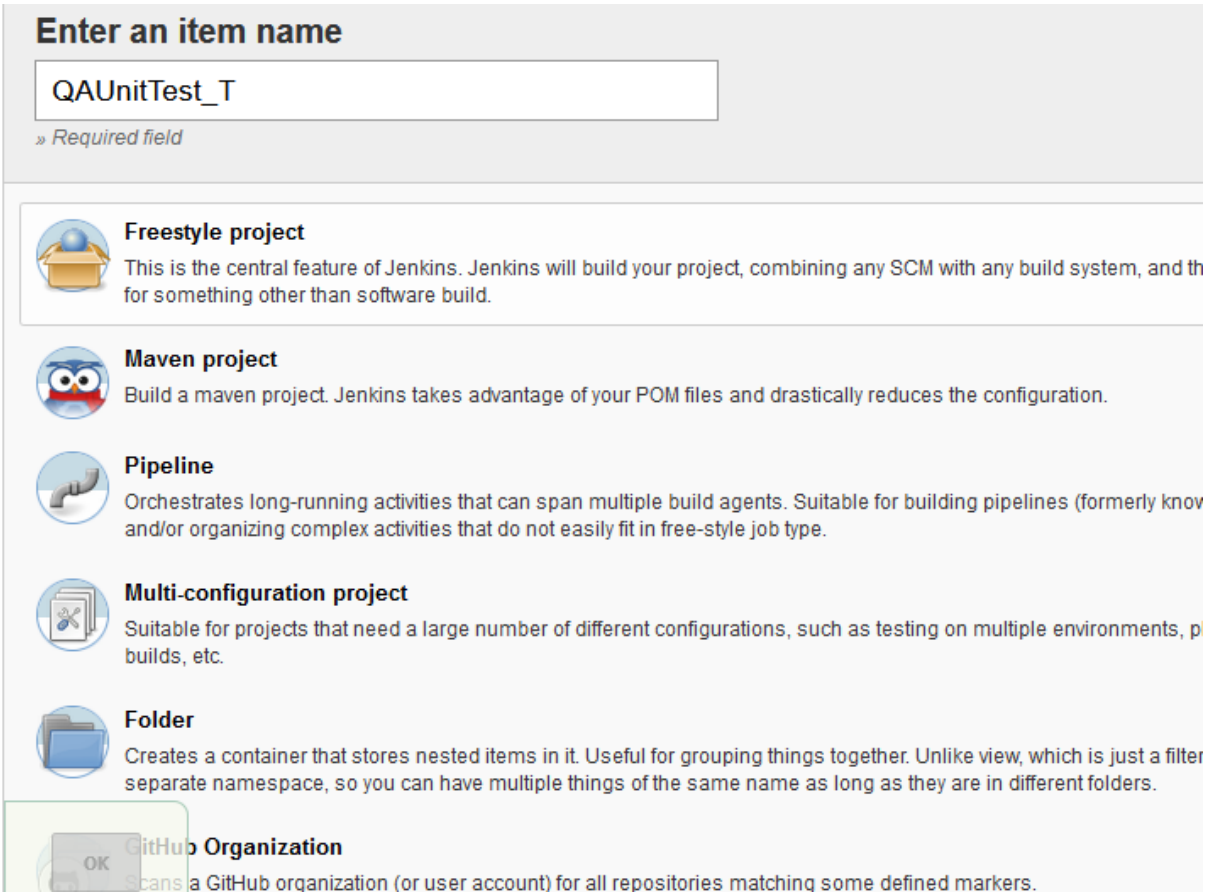
```
[INFO] ------------------------------------------------------------------------
[INFO] Building Vaadin Addressbook example 2.0
[INFO] ------------------------------------------------------------------------
[INFO]
[INFO] --- maven-enforcer-plugin:1.0:enforce (enforce-versions) @ addressbook ---
[INFO]
[INFO] --- maven-resources-plugin:2.5:resources (default-resources) @ addressbook ---
[debug] execute contextualize
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory /var/lib/jenkins/workspace/Compile_T/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.2:compile (default-compile) @ addressbook ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 13 source files to /var/lib/jenkins/workspace/Compile_T/target/classes
[INFO] /var/lib/jenkins/workspace/Compile_T/src/main/java/com/edurekademo/tutorial/addressbook/ContactForm.java: Some input files use or
override a deprecated API.
[INFO] /var/lib/jenkins/workspace/Compile_T/src/main/java/com/edurekademo/tutorial/addressbook/ContactForm.java: Recompile with
-Xlint:deprecation for details.
[INFO] /var/lib/jenkins/workspace/Compile_T/src/main/java/com/edurekademo/tutorial/addressbook/backend/ContactService.java: /var/lib/jenkins
/workspace/Compile_T/src/main/java/com/edurekademo/tutorial/addressbook/backend/ContactService.java uses unchecked or unsafe operations.
[INFO] /var/lib/jenkins/workspace/Compile_T/src/main/java/com/edurekademo/tutorial/addressbook/backend/ContactService.java: Recompile with
-Xlint:unchecked for details.
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 3.813s
[INFO] Finished at: Sun Jul 19 03:00:55 UTC 2020
[INFO] Final Memory: 15M/36M
[INFO] ------------------------------------------------------------------------
Finished: SUCCESS
```

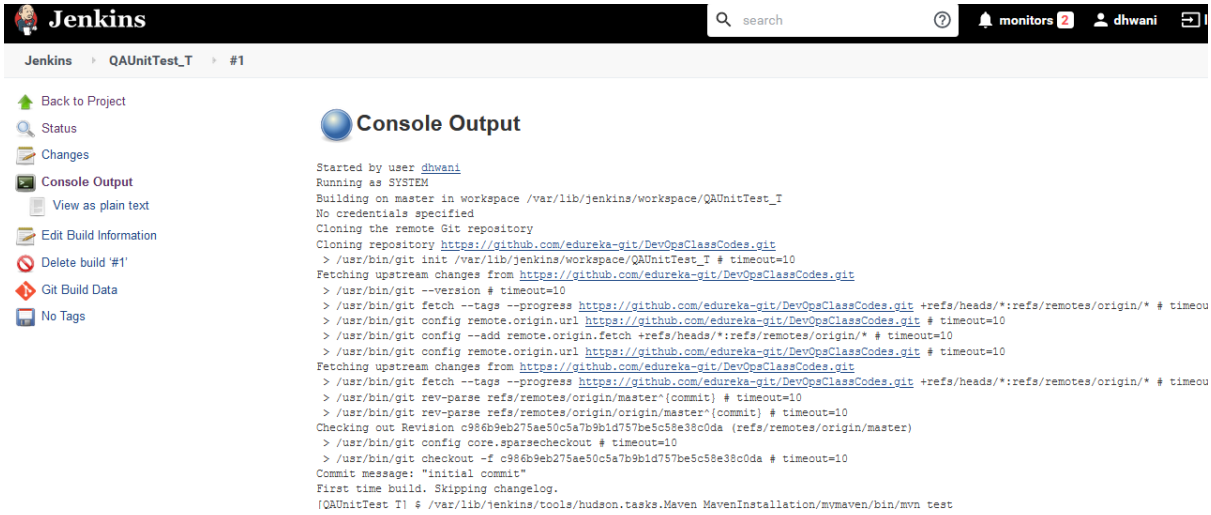




```
1976/2049 KB
1980/2049 KB
1984/2049 KB
1988/2049 KB
1992/2049 KB
1996/2049 KB
2000/2049 KB
2004/2049 KB
2008/2049 KB
2012/2049 KB
2016/2049 KB
2020/2049 KB
2024/2049 KB
2028/2049 KB
2032/2049 KB
2036/2049 KB
2040/2049 KB
2044/2049 KB
2048/2049 KB
2049/2049 KB

Downloaded: https://repo.maven.apache.org/maven2/net/sourceforge/pmd/pmd/5.1.2/pmd-5.1.2.jar (2049 KB at 3600.4 KB/sec)
[WARNING] Unable to locate Source XRef to link to - DISABLED
[WARNING] Unable to locate Source XRef to link to - DISABLED
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 9.352s
[INFO] Finished at: Sun Jul 19 03:07:05 UTC 2020
[INFO] Final Memory: 15M/36M
[INFO] ------------------------------------------------------------------------
Finished: SUCCESS
```



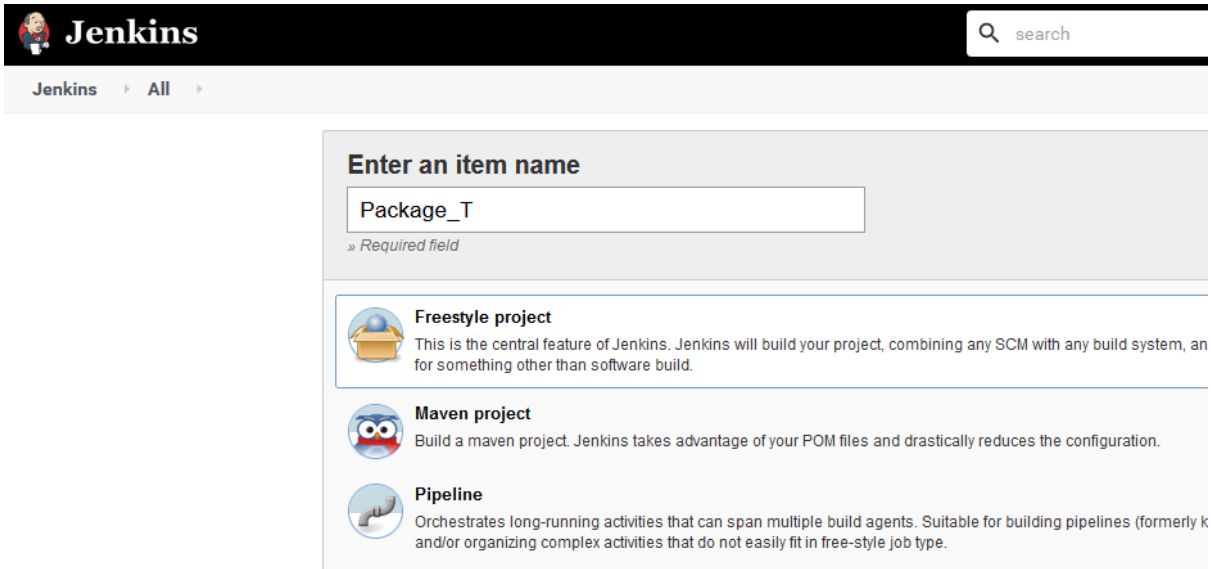
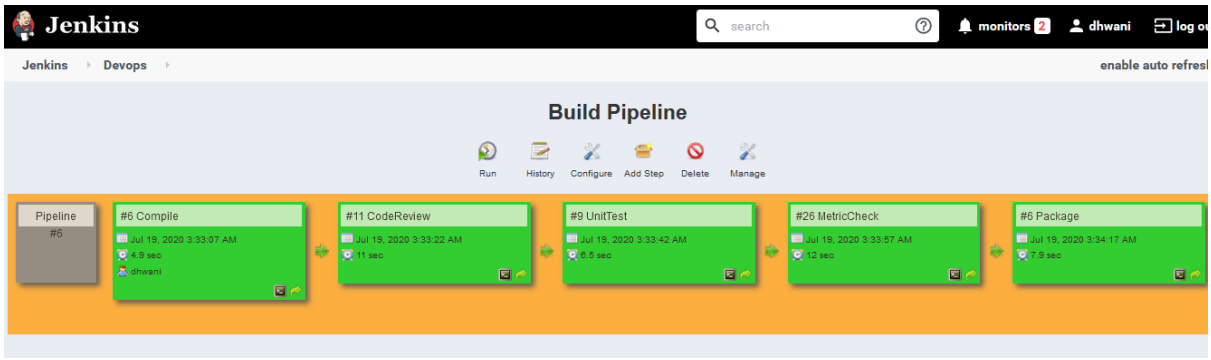



```
Cause:at com.edurekademo.utilities.ExceptionThrower.doNothing(ExceptionThrower.java:18)
Cause:at com.edurekademo.utilities.TestLogger.testGetErrorMessage4(TestLogger.java:60)
[pool-1-thread-9] ERROR com.edurekademo.utilities.ExceptionThrower - java.lang.Exception: DEAR
Cause:at com.edurekademo.utilities.ExceptionThrower.doYYY(ExceptionThrower.java:35)
Cause:at com.edurekademo.utilities.ExceptionThrower.doXXX(ExceptionThrower.java:23)
[pool-1-thread-9] INFO com.edurekademo.utilities.TestLogger - java.lang.Exception: TEST MESSAGE
Cause:at com.edurekademo.utilities.ExceptionThrower.doCheck(ExceptionThrower.java:43)
Cause:at com.edurekademo.utilities.TestLogger.testGetErrorMessage5(TestLogger.java:75)
***** java.lang.Exception: TEST MESSAGE
Cause:at com.edurekademo.utilities.ExceptionThrower.doCheck(ExceptionThrower.java:43)
Cause:at com.edurekademo.utilities.TestLogger.testGetErrorMessage5(TestLogger.java:75)
Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.132 sec - in com.edurekademo.utilities.TestLogger
Running com.edurekademo.utilities.TestGenericComparator
Tests run: 14, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.055 sec - in com.edurekademo.utilities.TestGenericComparator

Results :

Tests run: 23, Failures: 0, Errors: 0, Skipped: 0

[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  7.062 s
[INFO] Finished at: 2020-07-19T03:18:56Z
[INFO] ------------------------------------------------------------------------
Finished: SUCCESS
```



A Pipeline View