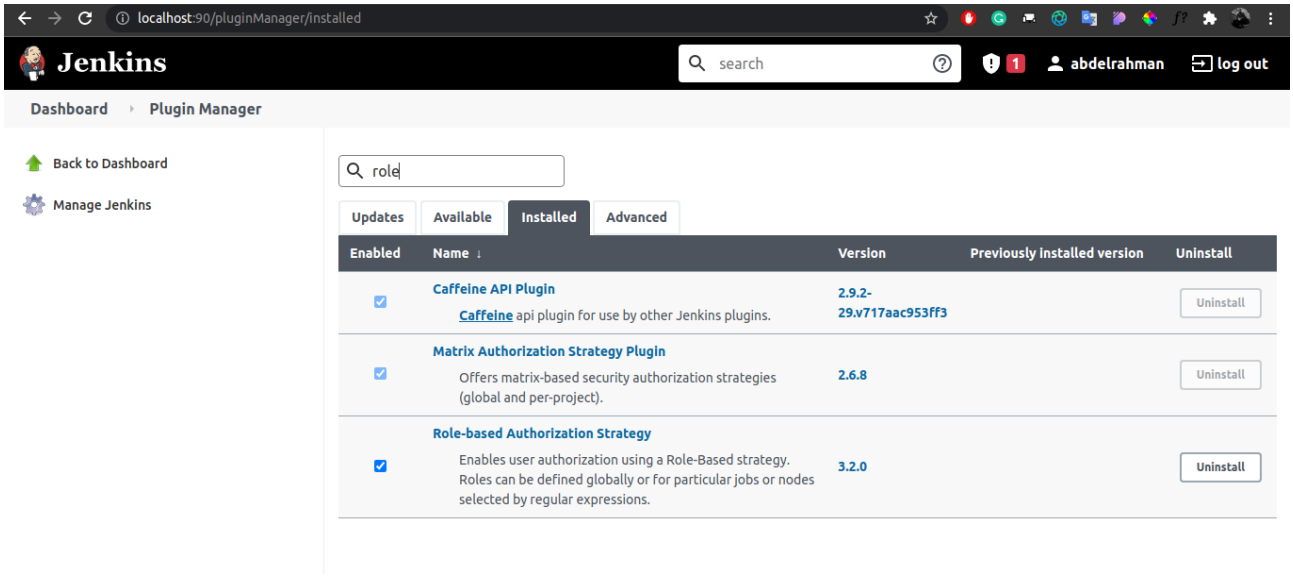
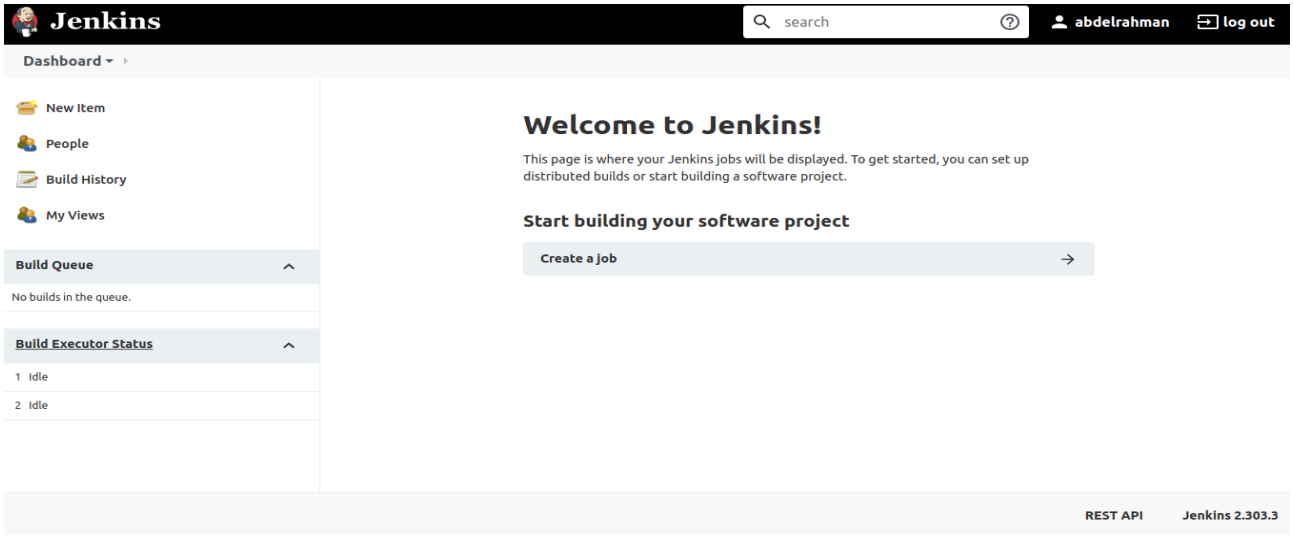
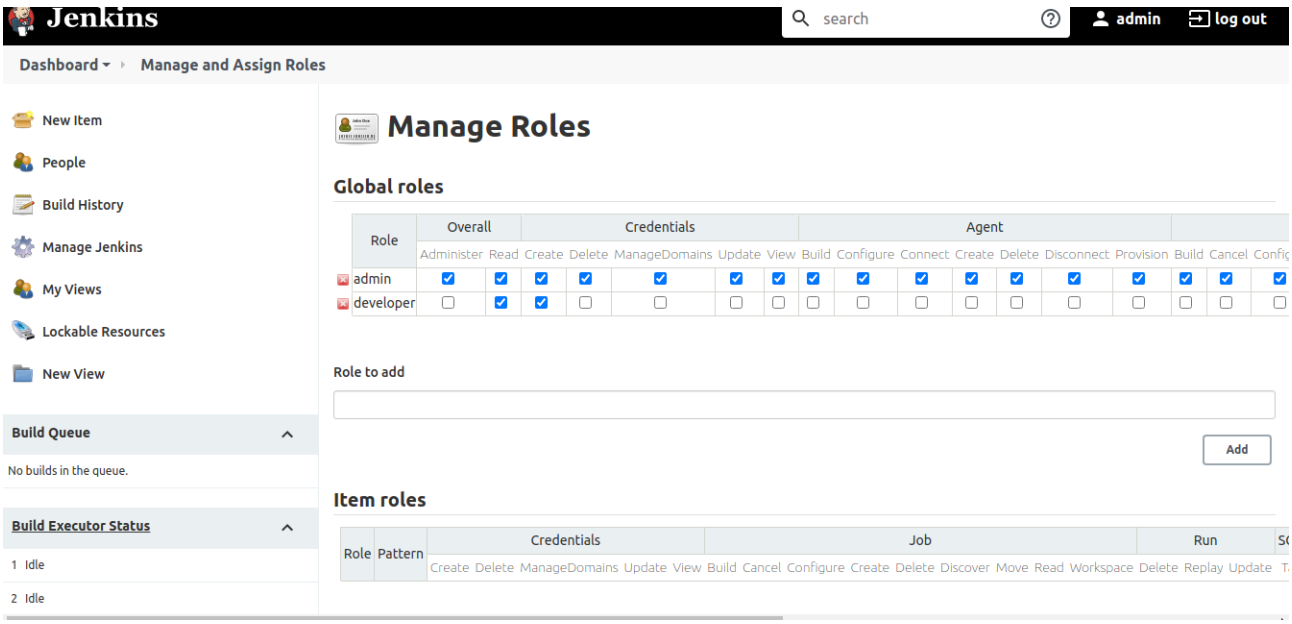
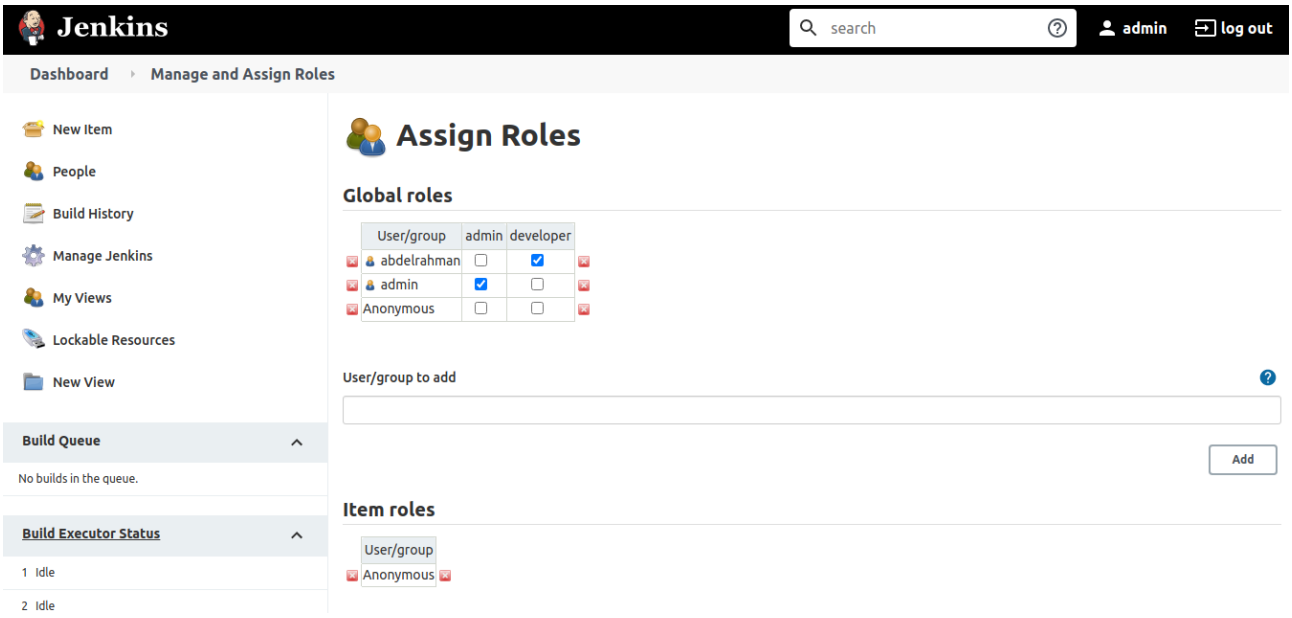
1- Install role based authorization plugin.



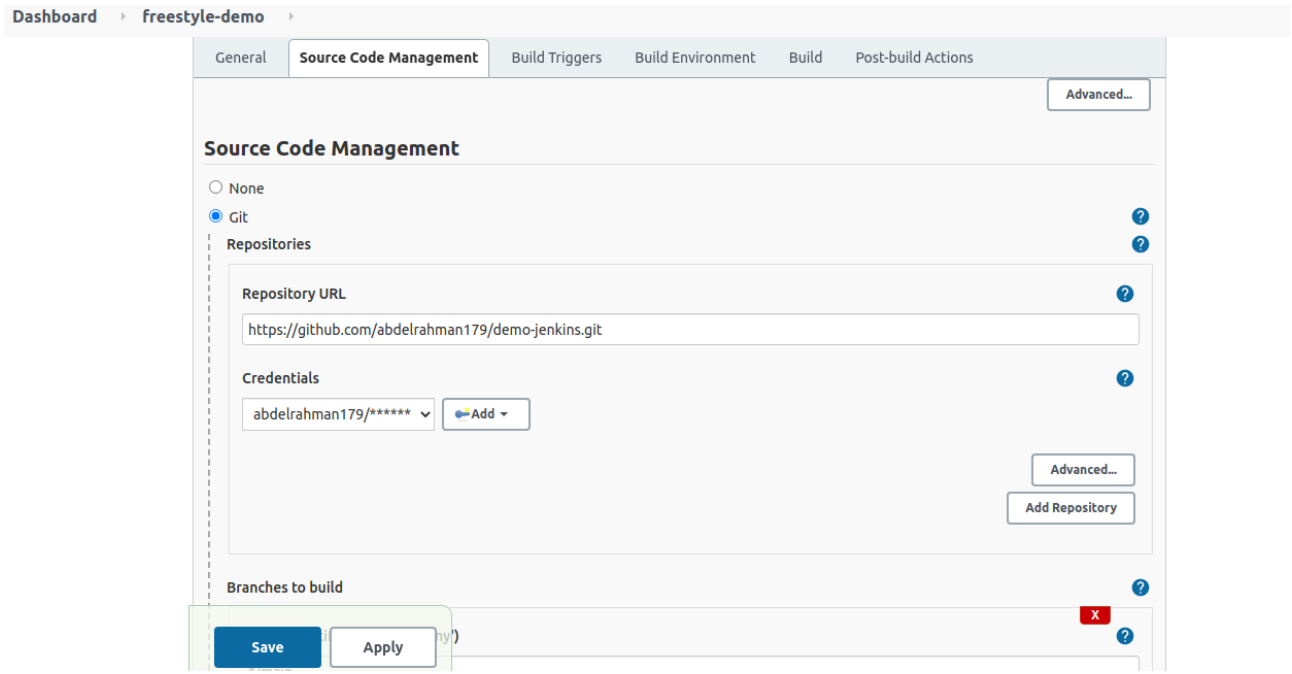
2 - Create new user & create read role and assign it to that user.

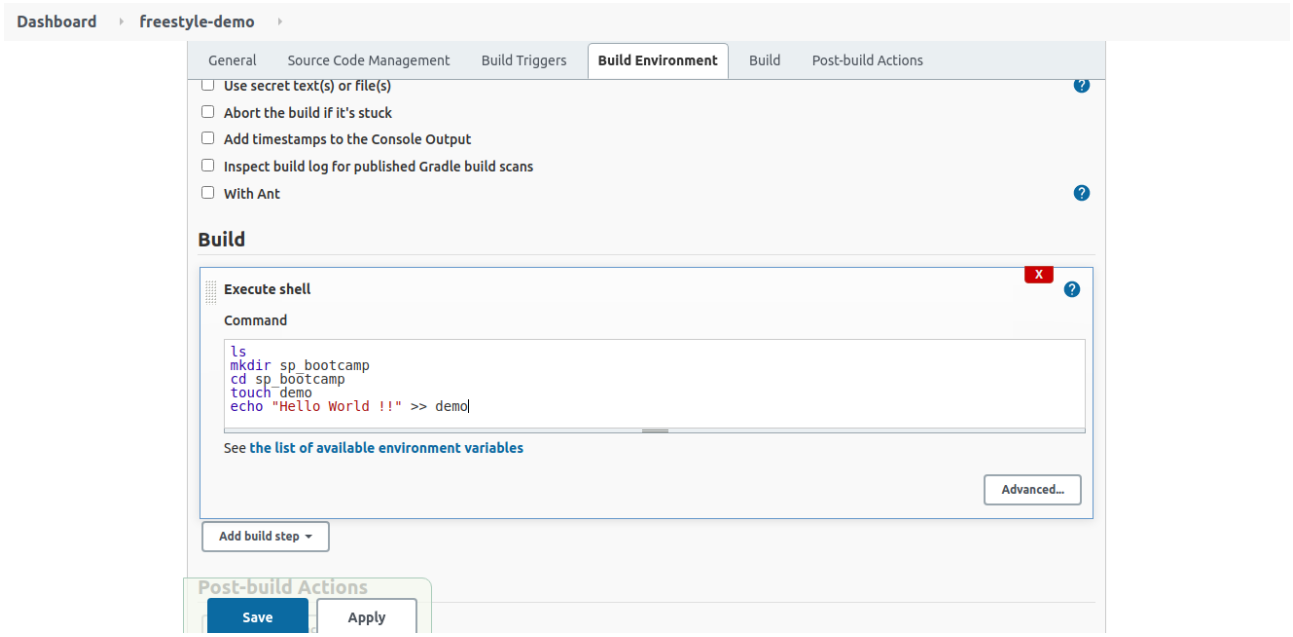


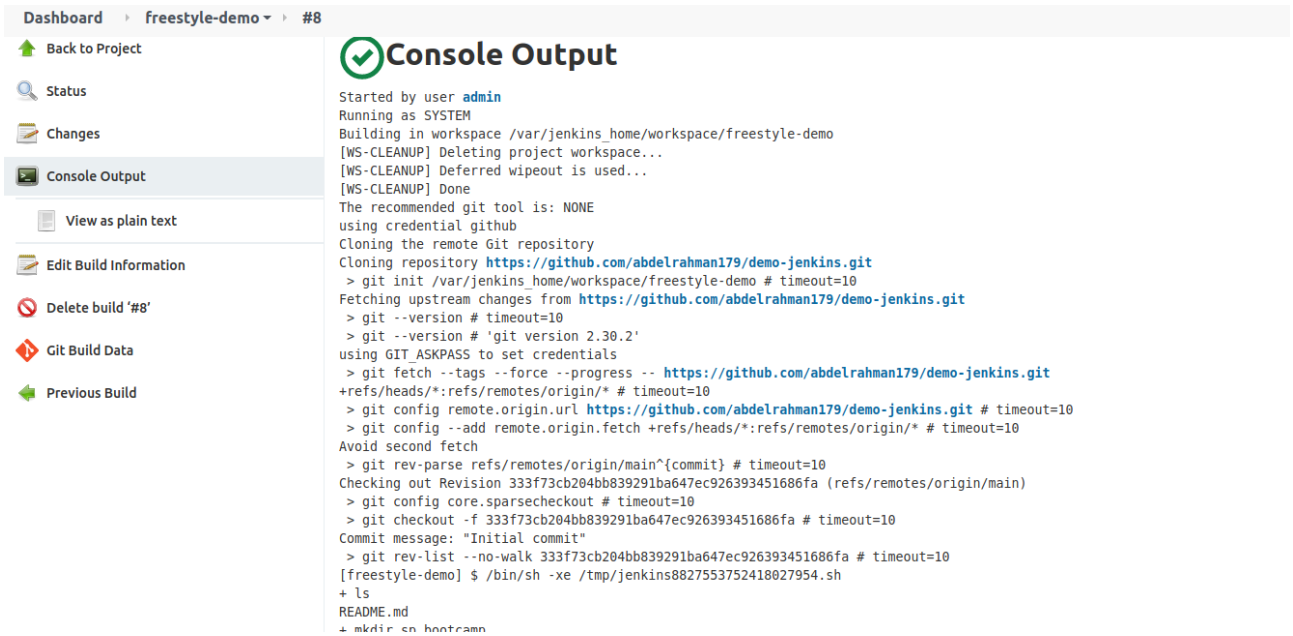


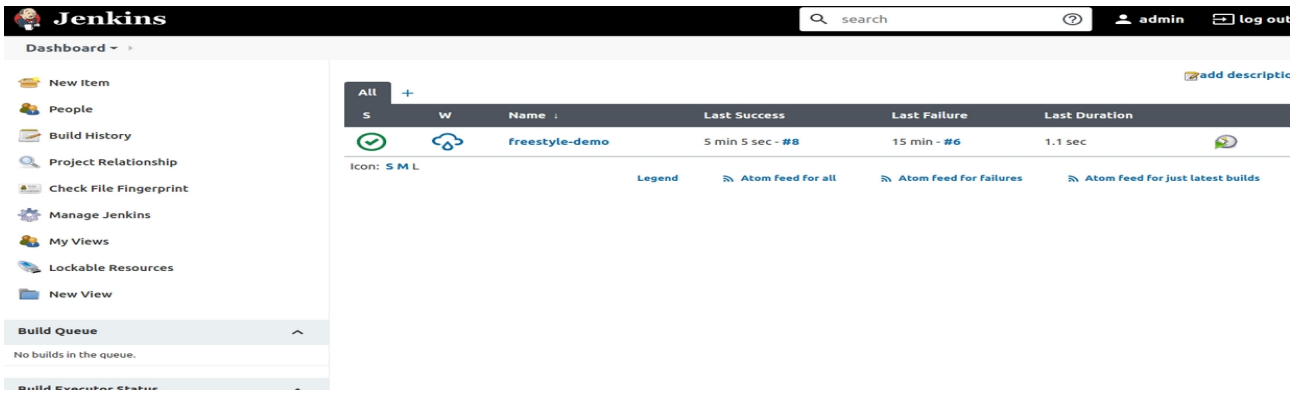


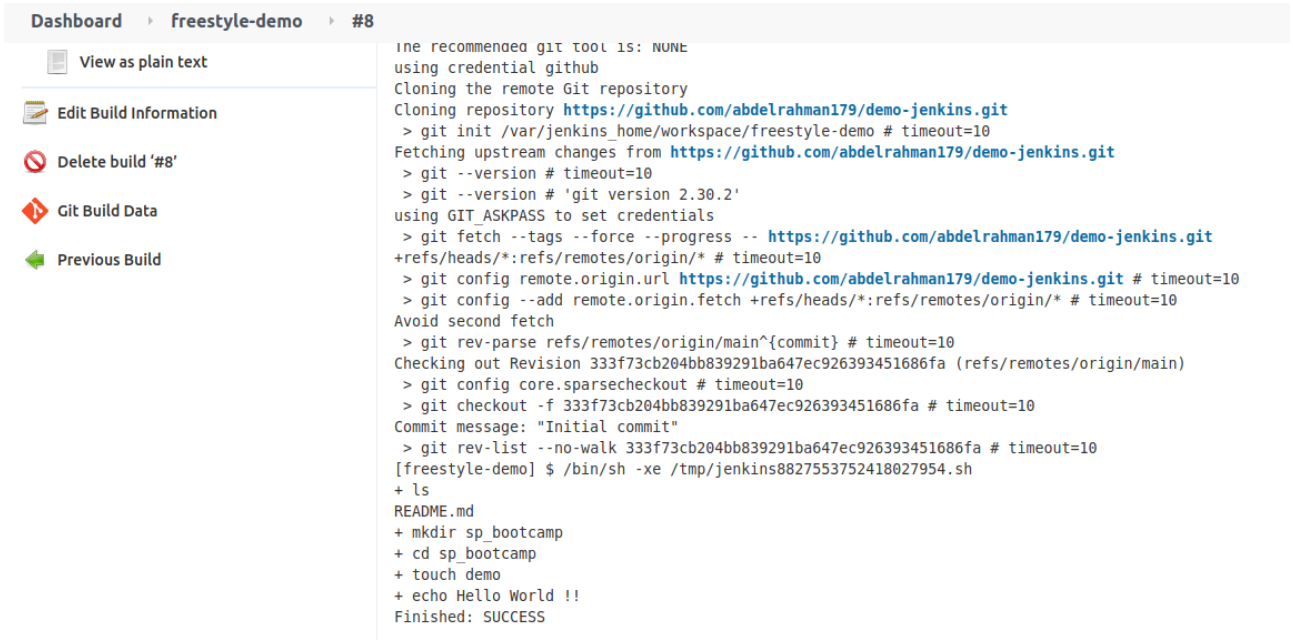
3- Create a free-style pipeline and link it to private git repository (Create directory and create file with "hello world" inside)

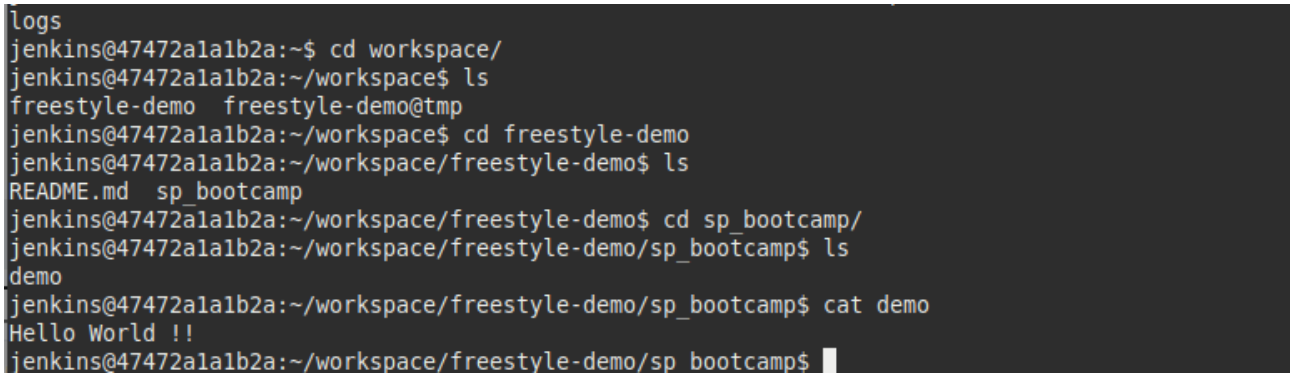



Dashboard
freestyle-demo
General
Source Code Management
Build Triggers
Build Environment
Build
Post-build Actions
Use secret text(s) or file(s)
Abort the build if it's stuck
Add timestamps to the Console Output
Inspect build log for published Gradle build scans
With Ant
Build
Execute shell
Command
ls
mkdir sp_bootcamp
cd sp_bootcamp
touch demo
echo "Hello World !!" >> demo
See the list of available environment variables
Advanced...
Add build step
Post-build Actions
Save
Apply

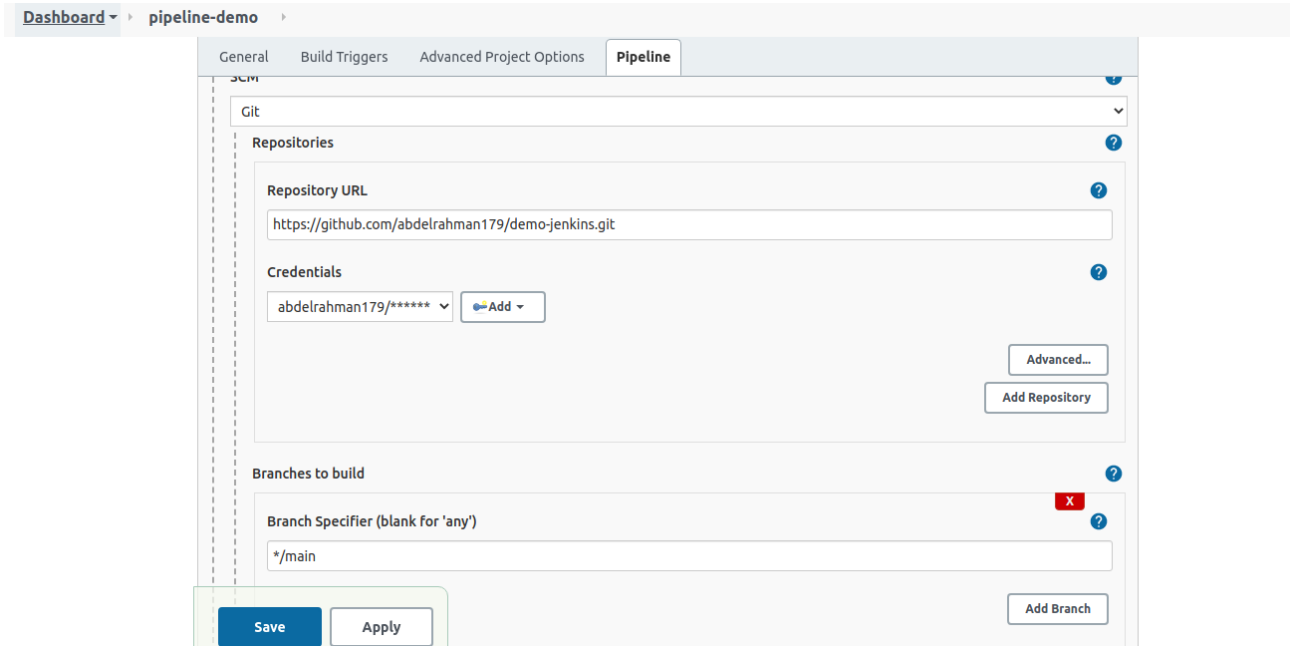

Dashboard
freestyle-demo
#8
Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#8'
Git Build Data
Previous Build
Console Output
Started by user admin
Running as SYSTEM
Building in workspace /var/jenkins_home/workspace/freestyle-demo
[WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] Done
The recommended git tool is: NONE
using credential github
Cloning the remote Git repository
Cloning repository https://github.com/abdelrahman179/demo-jenkins.git
> git init /var/jenkins_home/workspace/freestyle-demo # timeout=10
Fetching upstream changes from https://github.com/abdelrahman179/demo-jenkins.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
using GIT_ASKPASS to set credentials
> git fetch --tags --force --progress -- https://github.com/abdelrahman179/demo-jenkins.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/abdelrahman179/demo-jenkins.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 333f73cb204bb839291ba647ec926393451686fa (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 333f73cb204bb839291ba647ec926393451686fa # timeout=10
Commit message: "Initial commit"
> git rev-list --no-walk 333f73cb204bb839291ba647ec926393451686fa # timeout=10
[freestyle-demo] $ /bin/sh -xe /tmp/jenkins8827553752418027954.sh
+ ls
README.md
+ mkdir sp_bootcamp

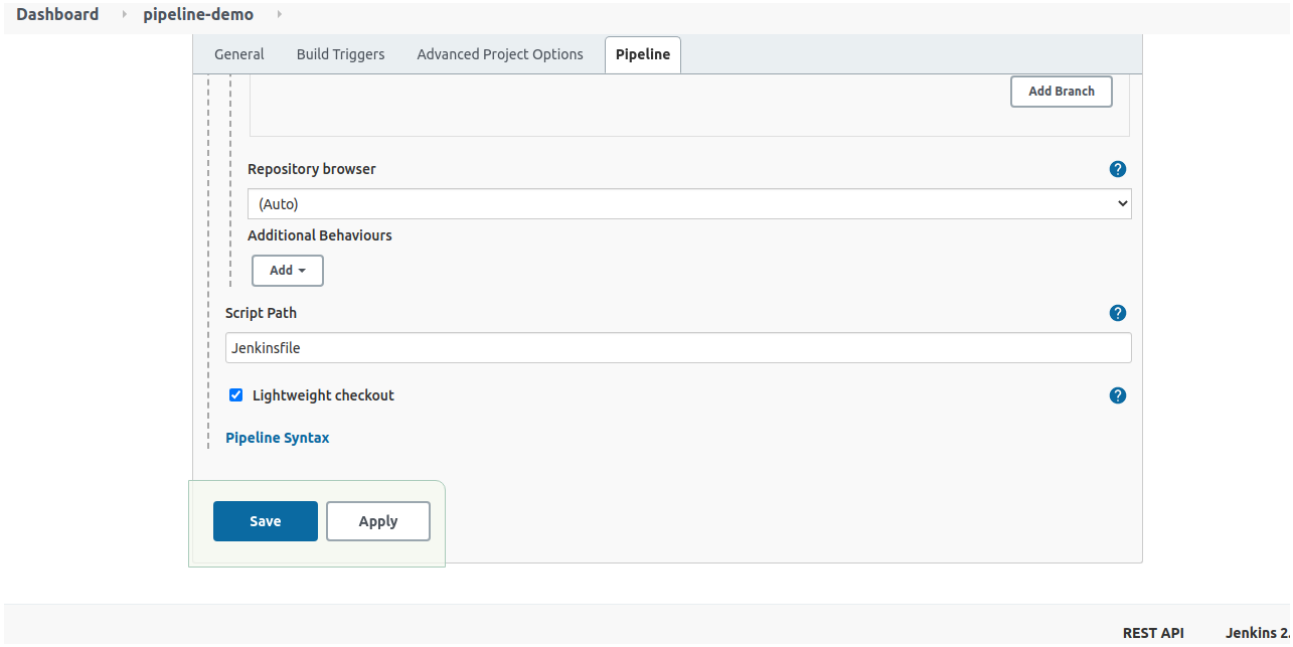

Jenkins
search
admin
log out
Dashboard
New Item
People
Build History
Project Relationship
Check File Fingerprint
Manage Jenkins
My Views
Lockable Resources
New View
Build Queue
No builds in the queue.
All
S
W
Name
Last Success
Last Failure
Last Duration
freestyle-demo
5 min 5 sec - #8
15 min - #6
1.1 sec
Icon: S M L
Legend
Atom feed for all
Atom feed for failures
Atom feed for just latest builds



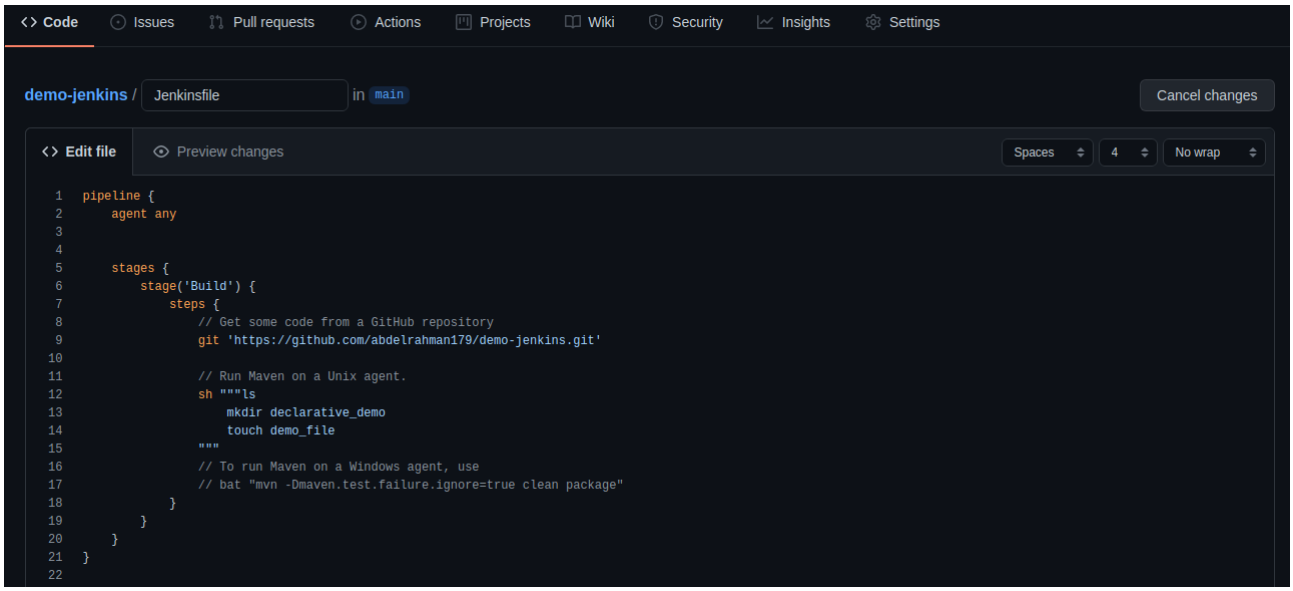


4- Create declarative in Jenkins GUI pipeline for your own repository to do "ls"

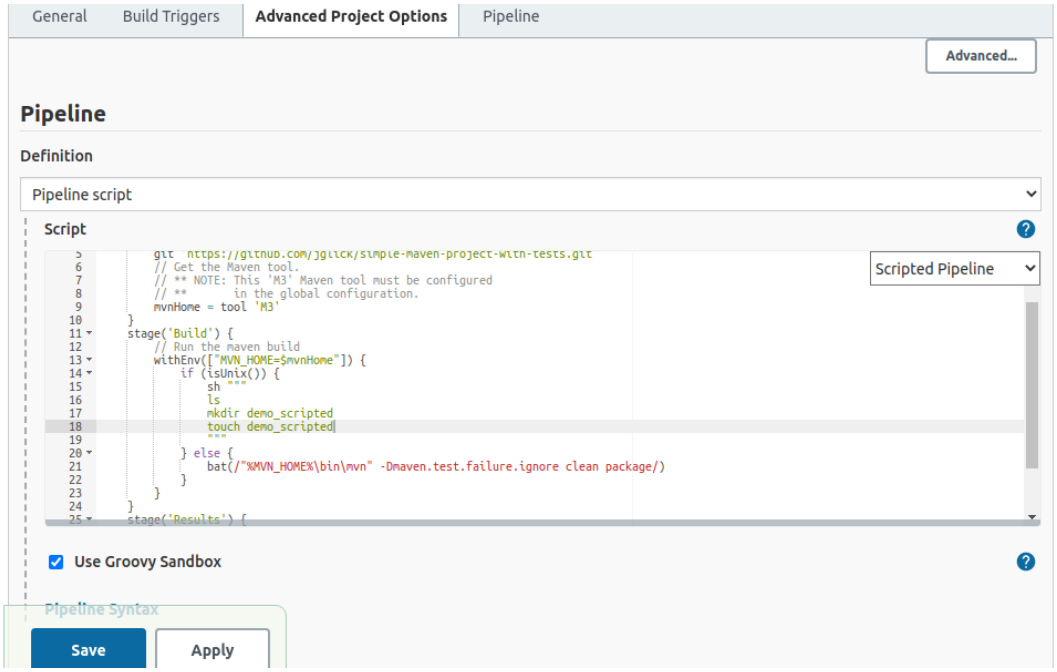




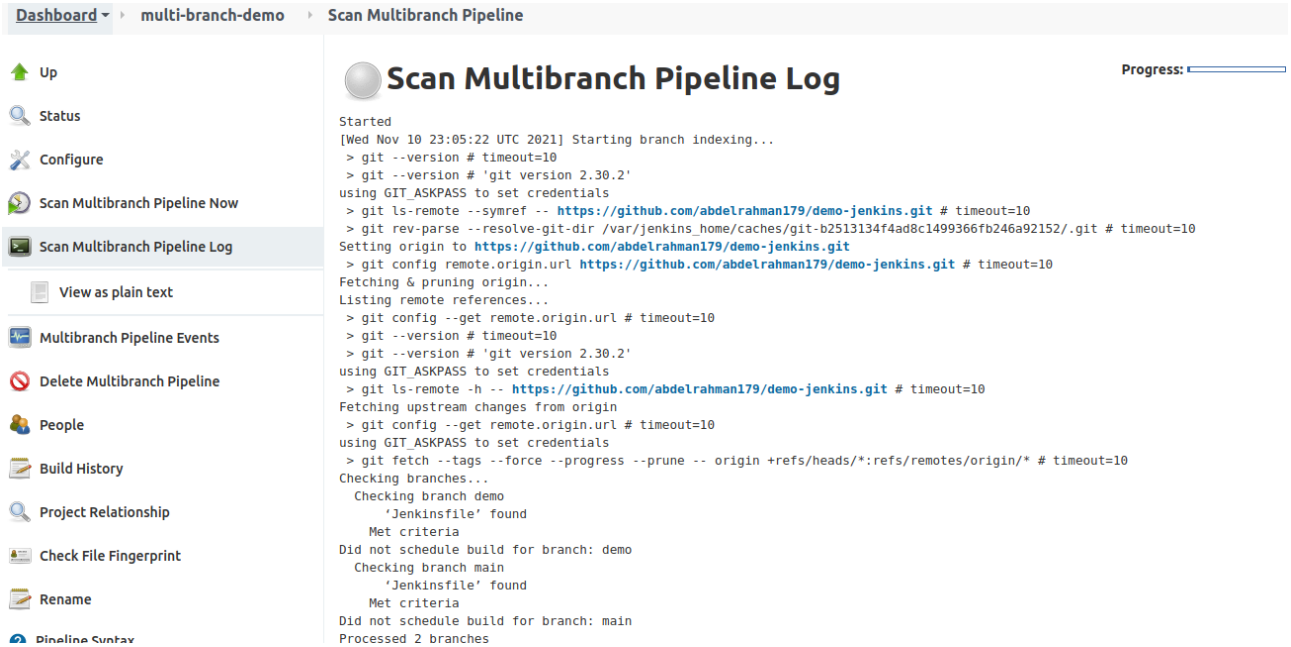
REST API Jenkins 2.

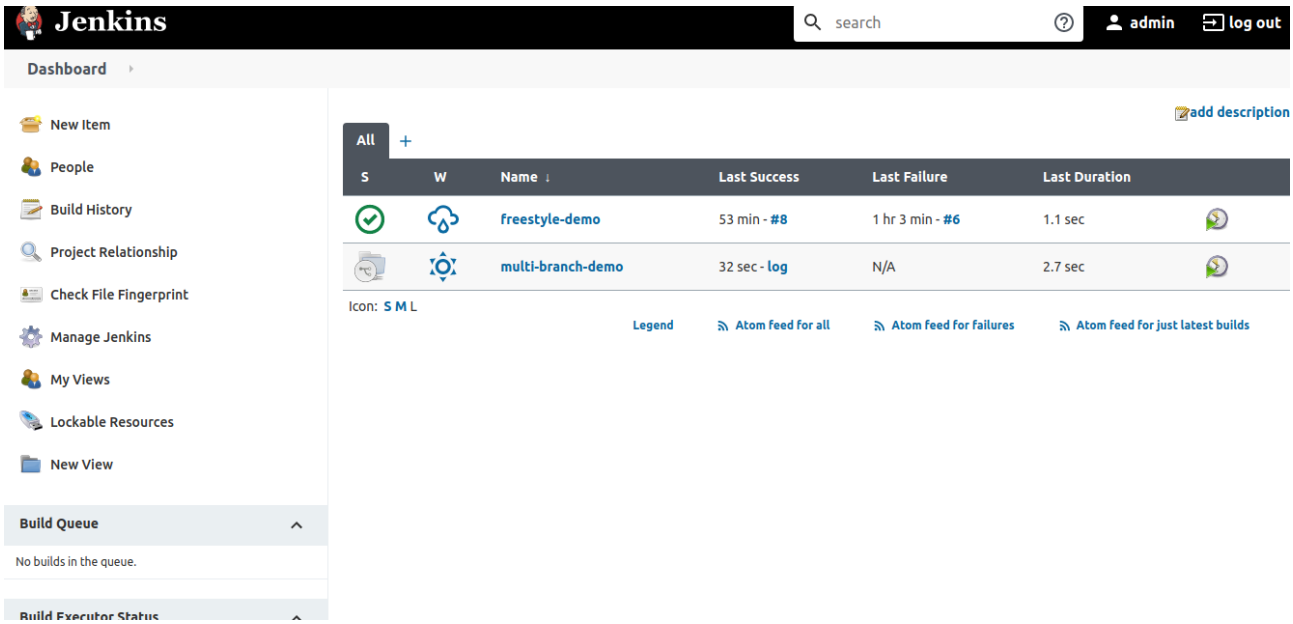


5- create scripted in Jenkins GUI pipeline for your own repository to do "ls"



6- create the same with jenkinsfile in your branches as multi-branch pipeline.




Jenkins
search
admin
log out
Dashboard
New Item
People
Build History
Project Relationship
Check File Fingerprint
Manage Jenkins
My Views
Lockable Resources
New View
Build Queue
No builds in the queue.
Build Executor Status
add description
All
+
S
W
Name ↓
Last Success
Last Failure
Last Duration
freestyle-demo
53 min - #8
1 hr 3 min - #6
1.1 sec
multi-branch-demo
32 sec - log
N/A
2.7 sec
Icon: S M L
Legend
Atom feed for all
Atom feed for failures
Atom feed for just latest builds