WALCHAND INSTITUTE OF TECHNOLOGY, SOLAPUR
INFORMATION TECHNOLOGY
2021-22 SEMESTER –II

DevOps

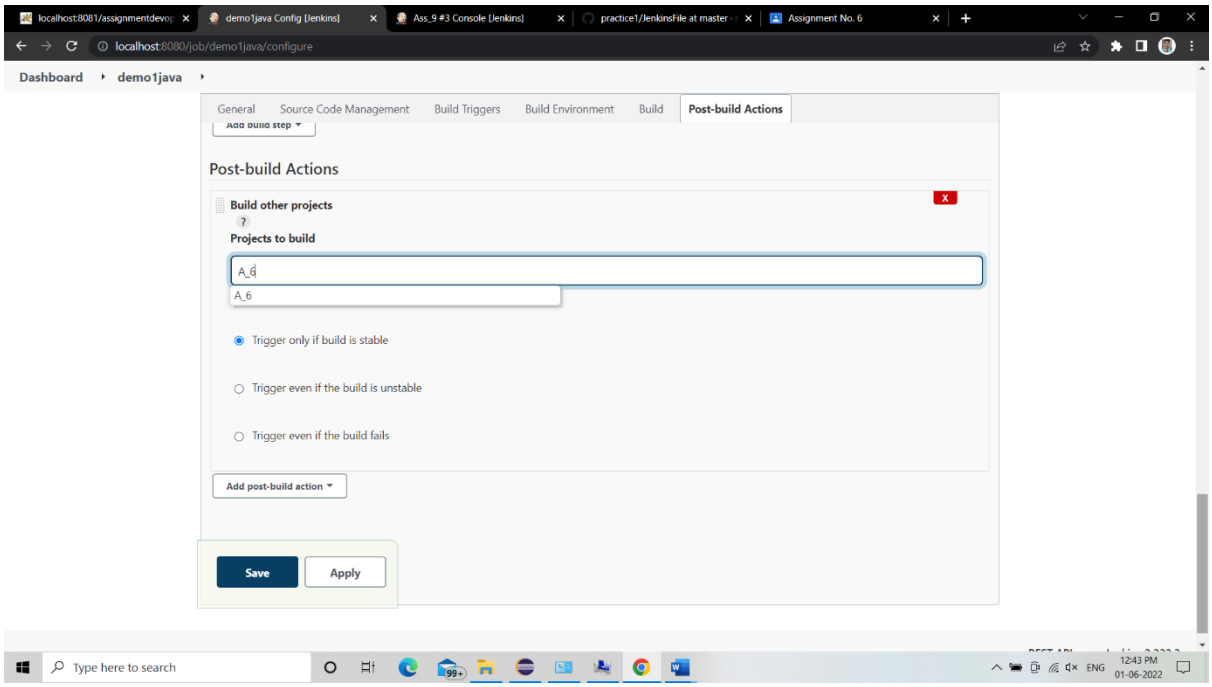
Class: Final Year BTech.- IT (Sem-2)

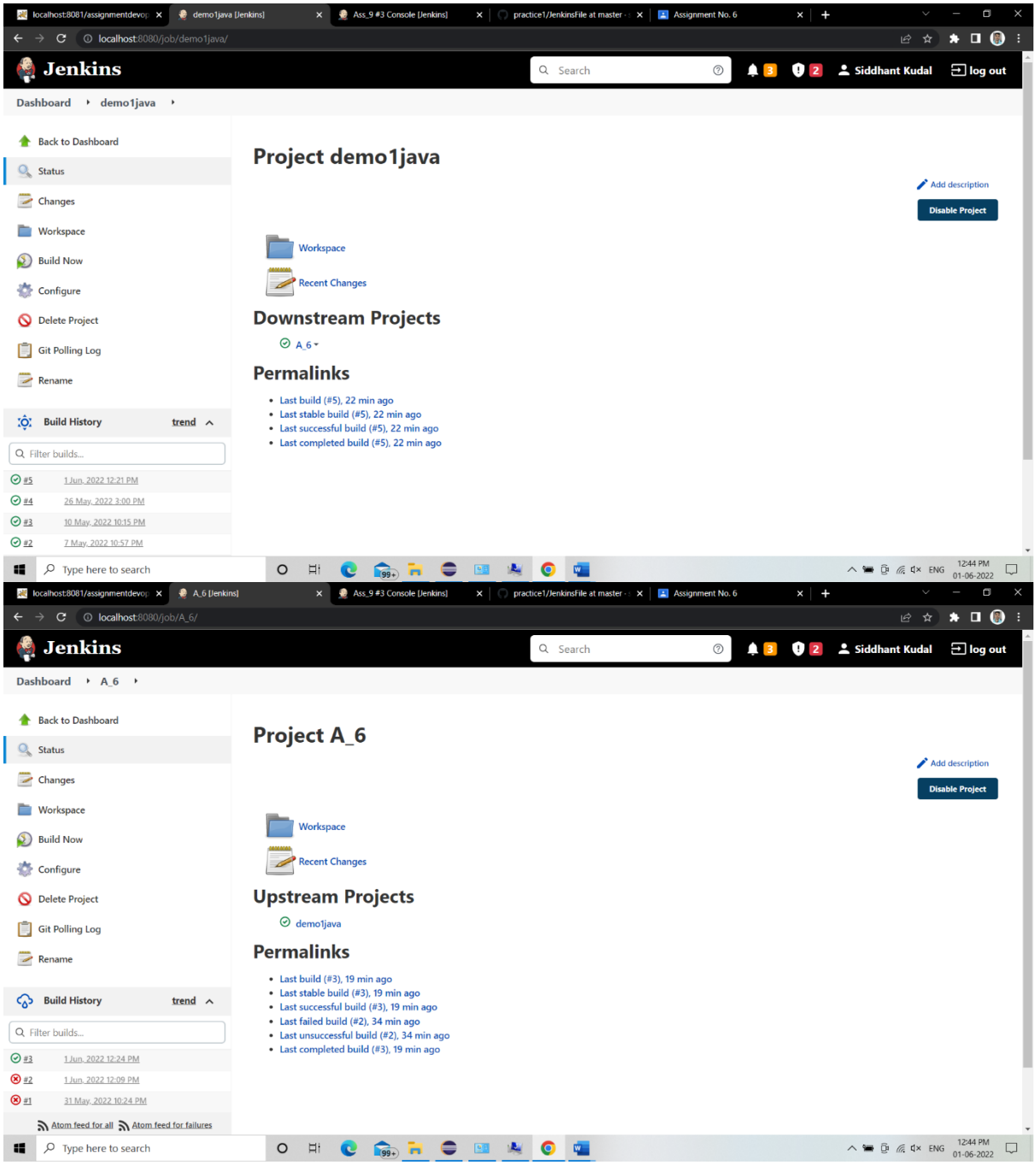
Name: Siddhant Kudal Roll No: 27

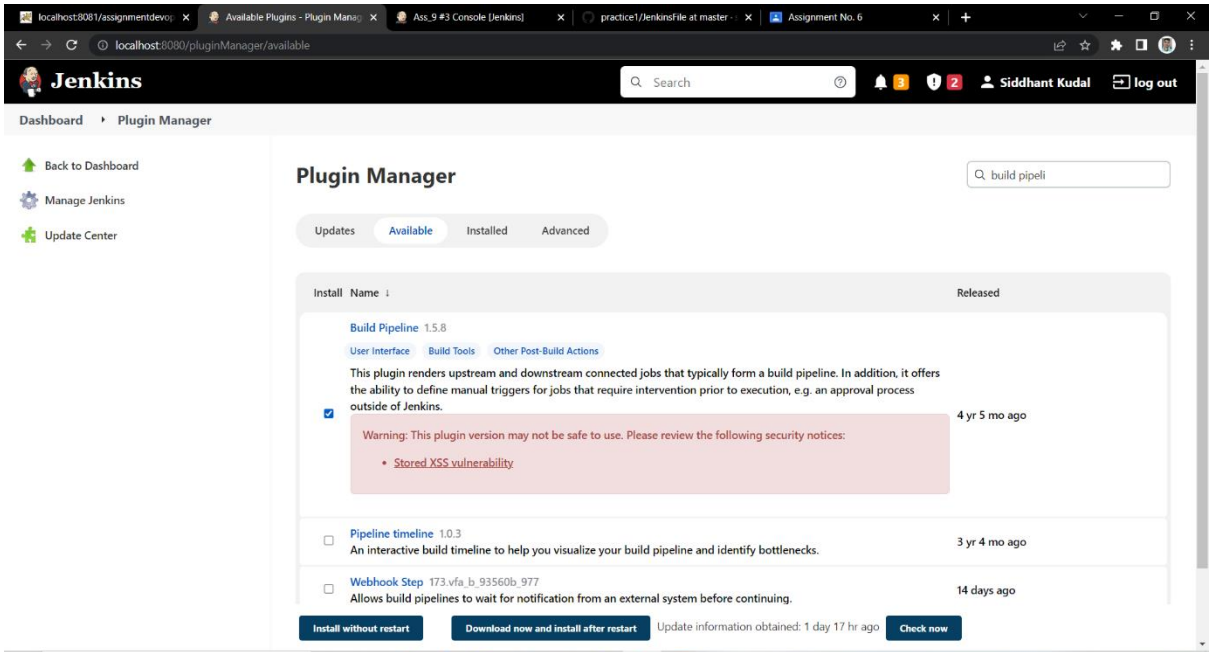
Assignment: 7

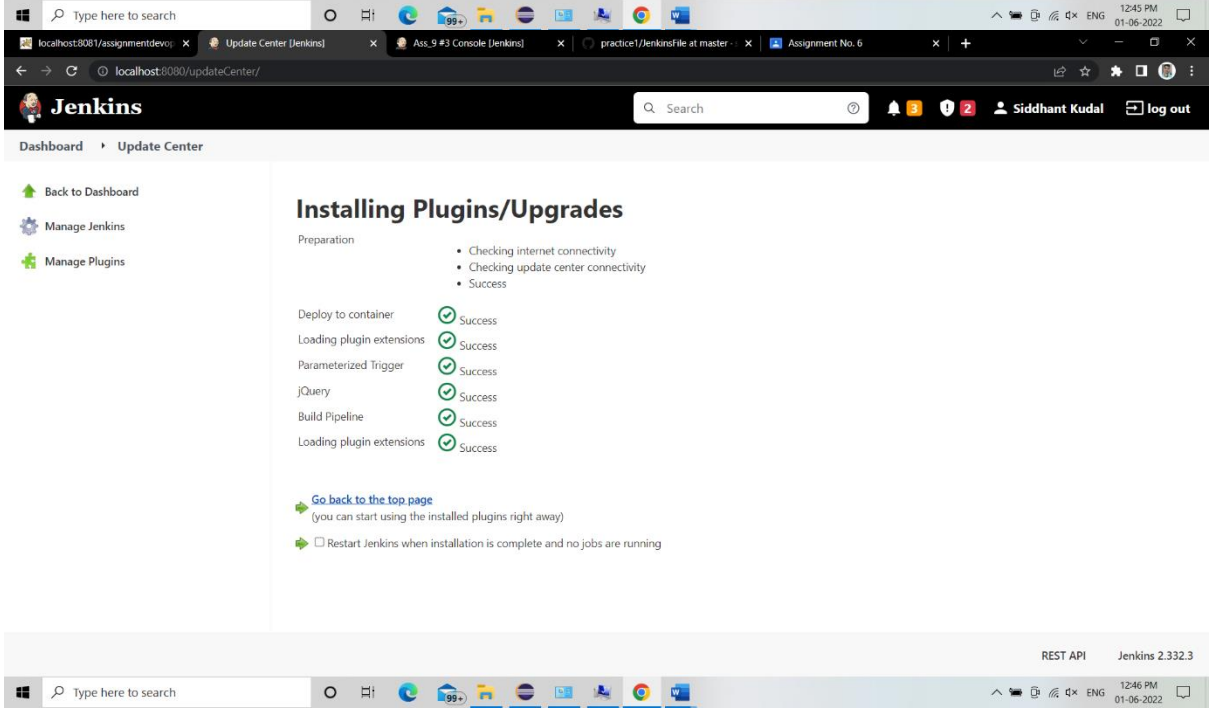
Title: Use Jenkins “Deploy to container” plugin and "Build pipeline" plugin to implement continuous deployment and delivery of a project.**Deployment using Jenkins plugin "Deploy to container"**

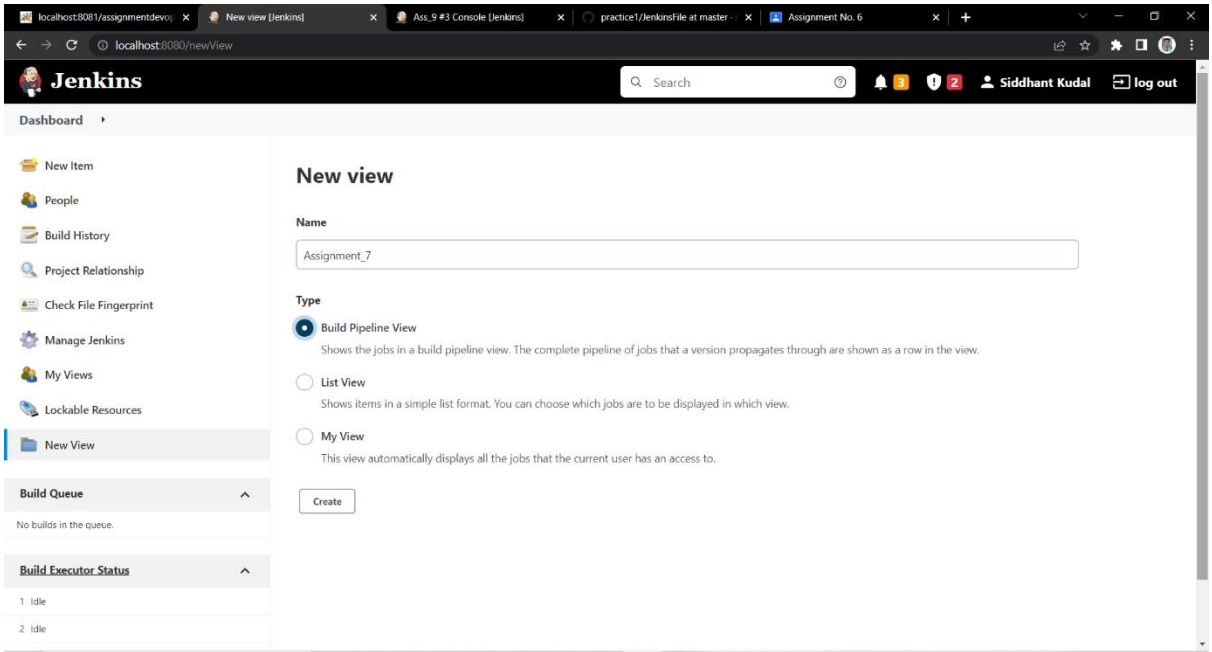
ScreenShot :

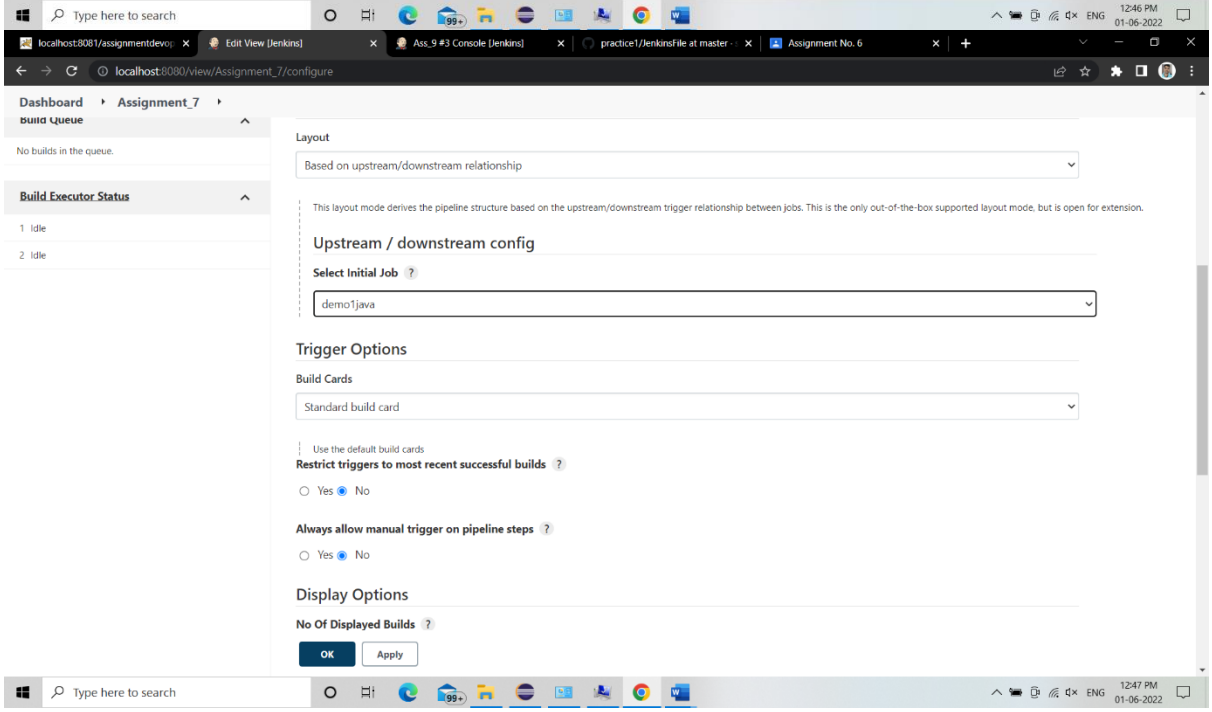


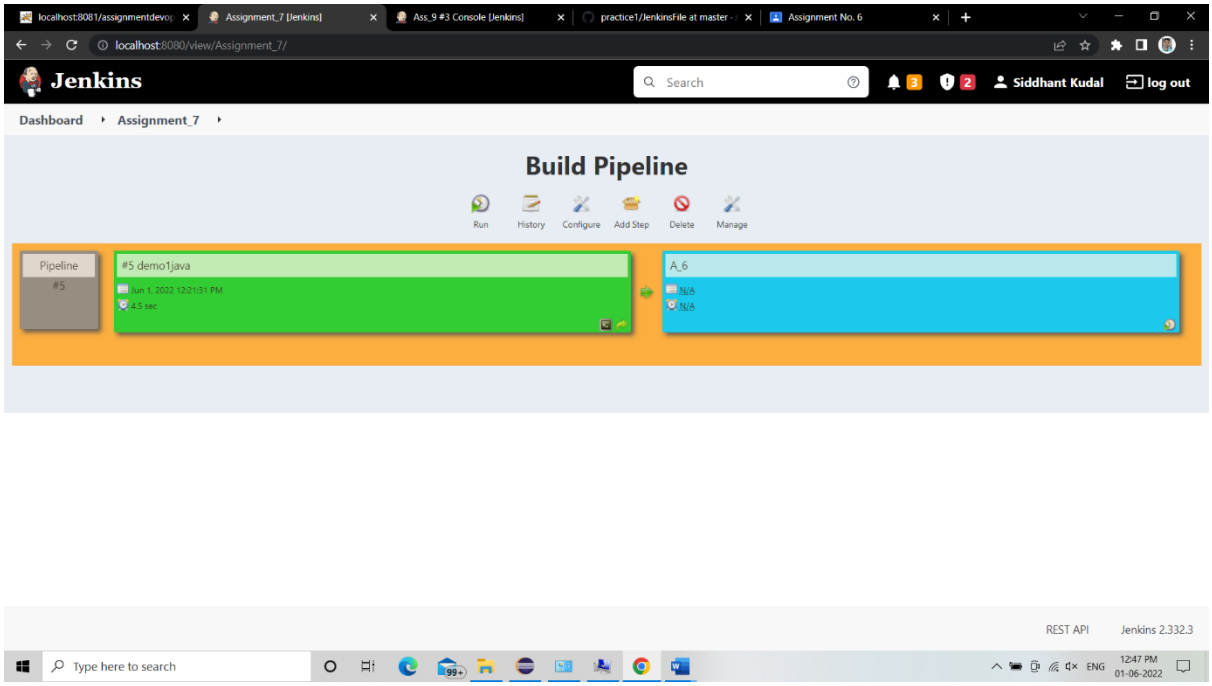

localhost:8081/assignmentdevop
demo1java [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/job/demo1java/
Jenkins
Search
Siddhant Kudal
log out
Dashboard
demo1java
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Project
Git Polling Log
Rename
Build History
trend
Filter builds...
#5 1 Jun, 2022 12:21 PM
#4 26 May, 2022 3:00 PM
#3 10 May, 2022 10:15 PM
#2 7 May, 2022 10:57 PM
Project demo1java
Add description
Disable Project
Workspace
Recent Changes
Downstream Projects
A_6
Permalinks
Last build (#5), 22 min ago
Last stable build (#5), 22 min ago
Last successful build (#5), 22 min ago
Last completed build (#5), 22 min ago
Type here to search
ENG
12:44 PM
01-06-2022
localhost:8081/assignmentdevop
A_6 [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/job/A_6/
Jenkins
Search
Siddhant Kudal
log out
Dashboard
A_6
Back to Dashboard
Status
Changes
Workspace
Build Now
Configure
Delete Project
Git Polling Log
Rename
Build History
trend
Filter builds...
#3 1 Jun, 2022 12:24 PM
#2 1 Jun, 2022 12:09 PM
#1 31 May, 2022 10:24 PM
Atom feed for all
Atom feed for failures
Project A_6
Add description
Disable Project
Workspace
Recent Changes
Upstream Projects
demo1java
Permalinks
Last build (#3), 19 min ago
Last stable build (#3), 19 min ago
Last successful build (#3), 19 min ago
Last failed build (#2), 34 min ago
Last unsuccessful build (#2), 34 min ago
Last completed build (#3), 19 min ago
Type here to search
ENG
12:44 PM
01-06-2022


localhost:8081/assignmentdevop
Available Plugins - Plugin Manag
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/pluginManager/available
Jenkins
Search
Siddhant Kudal
log out
Dashboard
Plugin Manager
Back to Dashboard
Manage Jenkins
Update Center
Plugin Manager
build pipeli
Updates
Available
Installed
Advanced
Install
Name
Released
Build Pipeline 1.5.8
User Interface
Build Tools
Other Post-Build Actions
This plugin renders upstream and downstream connected jobs that typically form a build pipeline. In addition, it offers the ability to define manual triggers for jobs that require intervention prior to execution, e.g. an approval process outside of Jenkins.
4 yr 5 mo ago
Warning: This plugin version may not be safe to use. Please review the following security notices:
Stored XSS vulnerability
Pipeline timeline 1.0.3
An interactive build timeline to help you visualize your build pipeline and identify bottlenecks.
3 yr 4 mo ago
Webhook Step 173.vfa_b_93560b_977
Allows build pipelines to wait for notification from an external system before continuing.
14 days ago
Install without restart
Download now and install after restart
Update information obtained: 1 day 17 hr ago
Check now
Type here to search
ENG
12:45 PM
01-06-2022


localhost:8081/assignmentdevop
Update Center [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/updateCenter/
Jenkins
Search
Siddhant Kudal
log out
Dashboard
Update Center
Back to Dashboard
Manage Jenkins
Manage Plugins
Installing Plugins/Upgrades
Preparation
Checking internet connectivity
Checking update center connectivity
Success
Deploy to container
Success
Loading plugin extensions
Success
Parameterized Trigger
Success
jQuery
Success
Build Pipeline
Success
Loading plugin extensions
Success
Go back to the top page
(you can start using the installed plugins right away)
Restart Jenkins when installation is complete and no jobs are running
REST API
Jenkins 2.332.3
Type here to search
ENG
12:46 PM
01-06-2022


localhost:8081/assignmentdevop
New view [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/newView
Jenkins
Search
Siddhant Kudal
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
1 Idle
2 Idle
New view
Name
Assignment_7
Type
Build Pipeline View
Shows the jobs in a build pipeline view. The complete pipeline of jobs that a version propagates through are shown as a row in the view.
List View
Shows items in a simple list format. You can choose which jobs are to be displayed in which view.
My View
This view automatically displays all the jobs that the current user has an access to.
Create
Type here to search
ENG
12:46 PM
01-06-2022


localhost:8081/assignmentdevop
Edit View [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/view/Assignment_7/configure
Dashboard
Assignment_7
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Layout
Based on upstream/downstream relationship
This layout mode derives the pipeline structure based on the upstream/downstream trigger relationship between jobs. This is the only out-of-the-box supported layout mode, but is open for extension.
Upstream / downstream config
Select Initial Job
demo1java
Trigger Options
Build Cards
Standard build card
Use the default build cards
Restrict triggers to most recent successful builds
Yes
No
Always allow manual trigger on pipeline steps
Yes
No
Display Options
No Of Displayed Builds
OK
Apply
Type here to search
ENG
12:47 PM
01-06-2022


localhost:8081/assignmentdevop
Assignment_7 [Jenkins]
Ass_9 #3 Console [Jenkins]
practice1/JenkinsFile at master
Assignment No. 6
localhost:8080/view/Assignment_7/
Jenkins
Search
Siddhant Kudal
log out
Dashboard
Assignment_7
Build Pipeline
Run
History
Configure
Add Step
Delete
Manage
Pipeline
#5
#5 demo1java
Jun 1, 2022 12:21:31 PM
4.5 sec
A_6
N/A
N/A
REST API
Jenkins 2.332.3
Type here to search
ENG
12:47 PM
01-06-2022