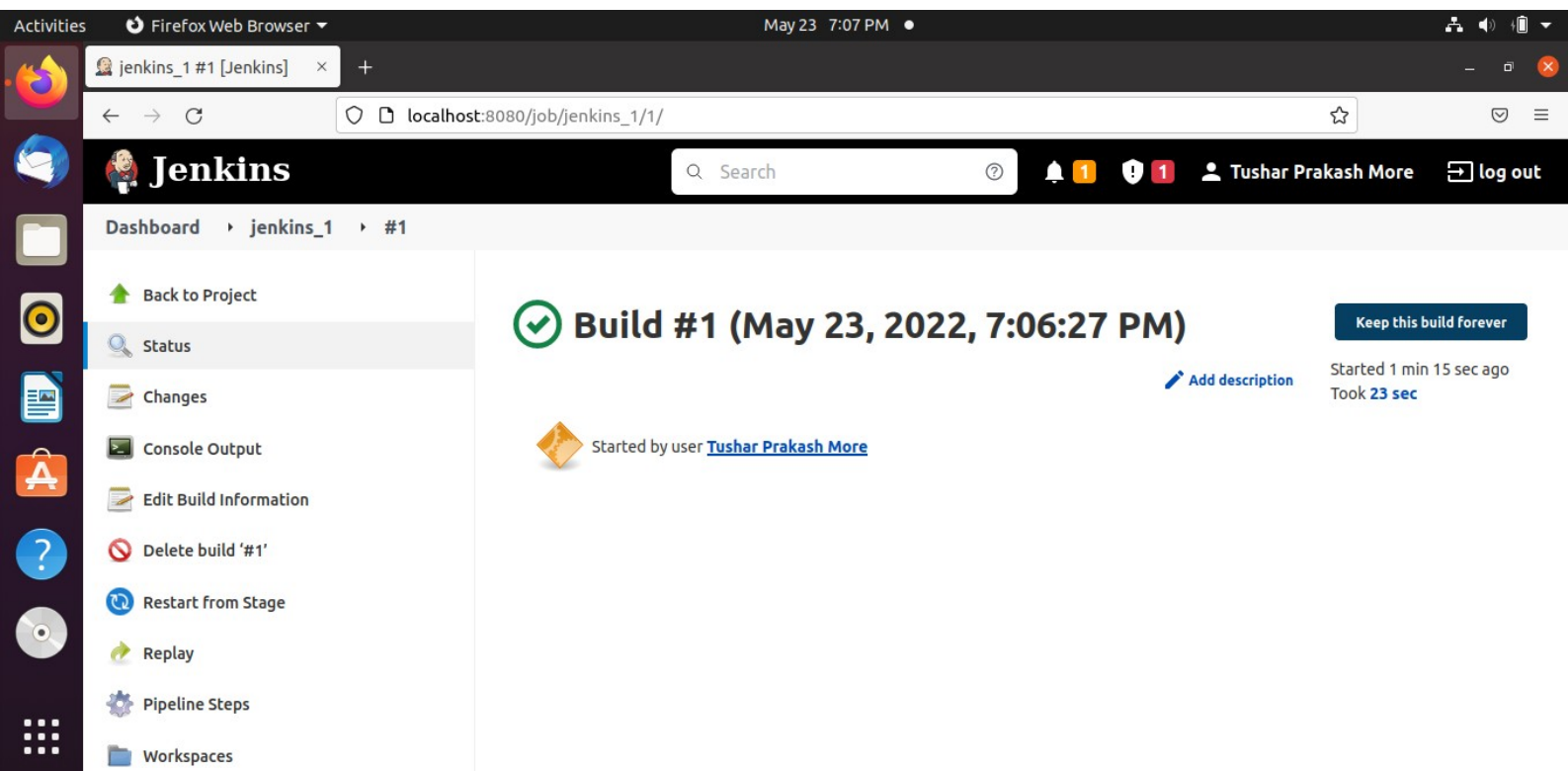


Next Generation Application Development Assignment : Jenkins Assignment

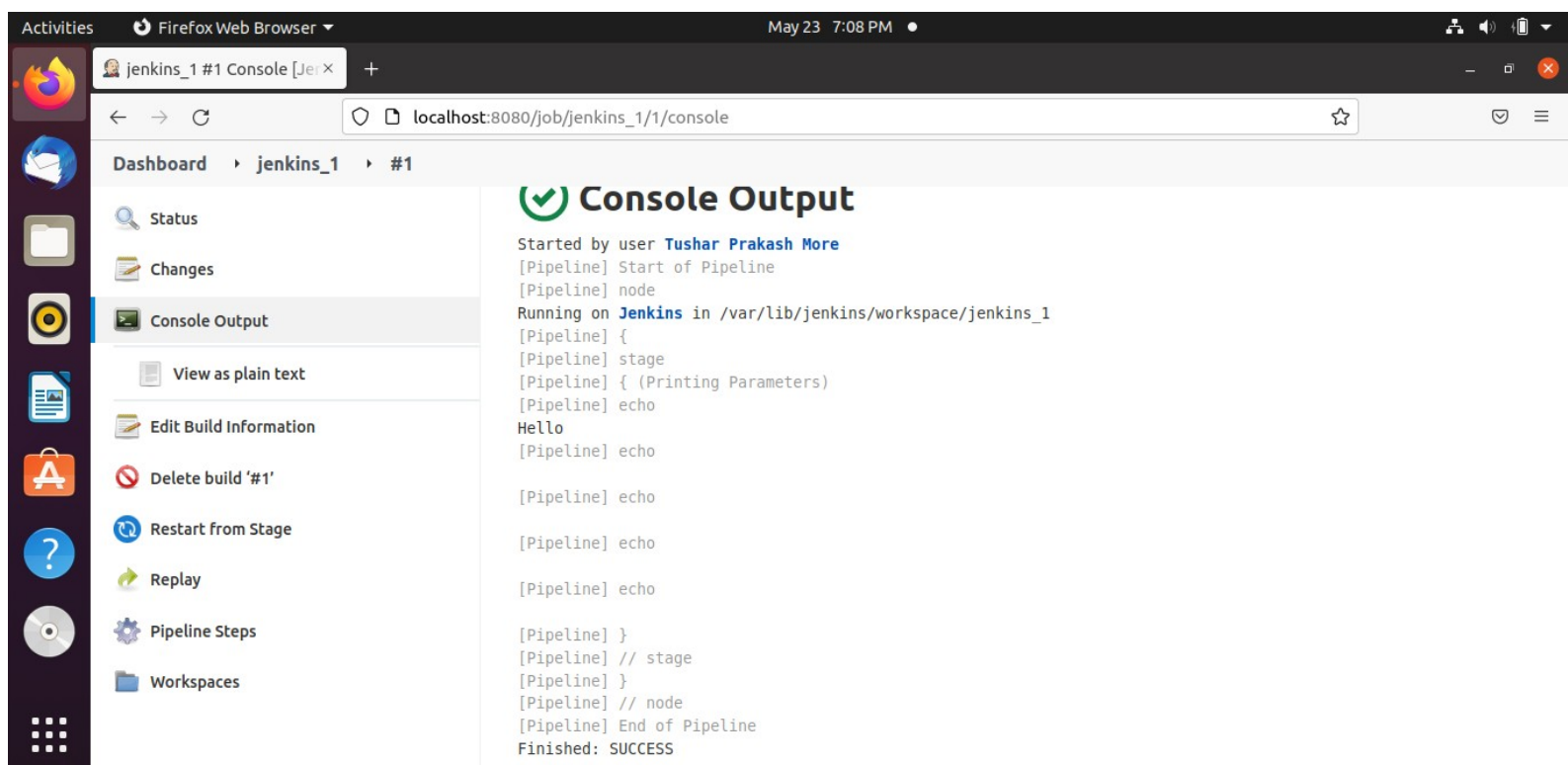
Roll No: N20111044

Name: Tushar Prakash More

1) Implement pipeline with at least 5 different input type.



This screenshot shows the Jenkins web interface in a Firefox browser. The address bar displays 'localhost:8080/job/jenkins_1/1/'. The page title is 'jenkins_1 #1 [Jenkins]'. The main content area shows 'Build #1 (May 23, 2022, 7:06:27 PM)' with a green checkmark icon. A button 'Keep this build forever' is visible. Below the build title, it says 'Started by user Tushar Prakash More'. On the left sidebar, the 'Status' option is selected. Other options include 'Back to Project', 'Changes', 'Console Output', 'Edit Build Information', 'Delete build #1', 'Restart from Stage', 'Replay', 'Pipeline Steps', and 'Workspaces'. The user 'Tushar Prakash More' is logged in, and there is a 'log out' button.



This screenshot shows the Jenkins 'Console Output' page for the same build. The address bar displays 'localhost:8080/job/jenkins_1/1/console'. The page title is 'jenkins_1 #1 Console [Jenkins]'. The main content area shows the 'Console Output' with a green checkmark icon. The output text is as follows:
Started by user Tushar Prakash More
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/jenkins_1
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Printing Parameters)
[Pipeline] echo
Hello
[Pipeline] echo

[Pipeline] echo

[Pipeline] echo

[Pipeline] echo

[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
On the left sidebar, the 'Console Output' option is selected. Other options include 'Status', 'Changes', 'View as plain text', 'Edit Build Information', 'Delete build #1', 'Restart from Stage', 'Replay', 'Pipeline Steps', and 'Workspaces'.

2)Implement pipeline with Pre, Post, When, Unstable, Env variable, Parallel, Catch an error.

Activities Firefox Web Browser May 23 7:11 PM

jenkins_2 [Jenkins]

localhost:8080/job/jenkins_2/

Dashboard > jenkins_2 >

- Configure
- Delete Pipeline
- Full Stage View
- Rename
- Pipeline Syntax
- Build History trend

Filter builds...

#1 May 23, 2022, 7:11 PM

Atom feed for all Atom feed for failures

Recent Changes

Stage View

Average stage times:
(Average full run time: ~15s)

	Non-Parallel Stage	Parallel Stage	Branch c	Branch d	Nested 1	Nested 2	Catch
#1 May 23 19:11 No Changes	600ms	0ms	0ms	0ms	0ms	0ms	2s

Permalinks

REST API Jenkins 2.332.3

Activities Firefox Web Browser May 23 7:11 PM

jenkins_2 #1 [Jenkins]

localhost:8080/job/jenkins_2/1/

Dashboard > jenkins_2 > #1

- Back to Project
- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#1'
- Restart from Stage
- Replay
- Pipeline Steps
- Workspaces

Build #1 (May 23, 2022, 7:11:19 PM)

Keep this build forever

Add description

Started 29 sec ago
Took 15 sec

Started by user [Tushar Prakash More](#)

Activities Firefox Web Browser May 23 7:12 PM

jenkins_2 #1 Console [Jer x]

localhost:8080/job/jenkins_2/1/console

Dashboard > jenkins_2 > #1

- Back to Project
- Status
- Changes
- Console Output
- View as plain text
- Edit Build Information
- Delete build '#1'
- Restart from Stage
- Replay
- Pipeline Steps
- Workspaces

Console Output

Started by user [Tushar Prakash More](#)

```
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/jenkins_2
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Non-Parallel Stage)
[Pipeline] echo
This stage will be executed first.
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Parallel Stage)
Stage "Parallel Stage" skipped due to when conditional
[Pipeline] parallel
[Pipeline] { (Branch: Branch c)
[Pipeline] { (Branch: Branch d)
[Pipeline] stage
[Pipeline] { (Branch c)
[Pipeline] stage
[Pipeline] { (Branch d)
```

Activities Firefox Web Browser May 23 7:12 PM

jenkins_2 #1 Console [Jer x]

localhost:8080/job/jenkins_2/1/console

Dashboard > jenkins_2 > #1

```
[Pipeline] { (Branch c)
[Pipeline] stage
[Pipeline] { (Branch d)
Stage "Branch c" skipped due to when conditional
[Pipeline] }
Stage "Branch d" skipped due to when conditional
[Pipeline] // stage
[Pipeline] }
[Pipeline] stage
[Pipeline] { (Nested 1)
Stage "Branch d" skipped due to when conditional
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Nested 2)
Stage "Branch d" skipped due to when conditional
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // parallel
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Catch)
```

Activities Firefox Web Browser May 23 7:12 PM

jenkins_2 #1 Console [Jenkins]

localhost:8080/job/jenkins_2/1/console

Dashboard > jenkins_2 > #1

```
[Pipeline] // stage
[Pipeline] }
[Pipeline] // parallel
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Catch)
[Pipeline] catchError
[Pipeline] {
[Pipeline] sh
+ exit 1
[Pipeline] }
ERROR: script returned exit code 1
[Pipeline] // catchError
Post stage
[Pipeline] echo
build unstable!!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```