Experiment 6 Job Chaining in Jenkins

Objective: To Understand and Practice job chaining in Jenkins.

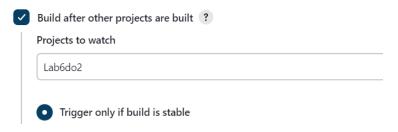
1. Create a Maven Project DO-JOB-1



- 3. Create two more pipelines DO-JOB-3 DO-JOB-4, creating a longer and branched chain.
- (a) Add DO-JOB-2 as Upstream in DO-JOB-3

Trigger only if build is stable

Build Triggers



(b) Add DO-JOB-2 and DO-JOB-3 in DO-JOB-4

Build Triggers



4. Test the complete pipeline chain by running DO-JOB-1



- 5. Checking Logs
- (a) DO-JOB-1 triggered DO-JOB-2 once it succeeded.

(b) Similarly, DO-JOB-2 triggers DO-JOB3 and then DO-JOB-4 respectively.

Console Output

```
Started by upstream project "Lab6do1" build number 3 originally caused by:
Started by user Rudra
[Pipeline] Start of Pipeline
[Pipeline] End of Pipeline
Triggering a new build of Lab6do3 #2
Triggering a new build of Lab6do4 #1
Finished: SUCCESS
```

Console Output

```
Started by upstream project "Lab6do2" build number 3
originally caused by:
Started by upstream project "Lab6do1" build number 3
originally caused by:
 Started by user Rudra
[Pipeline] Start of Pipeline
[Pipeline] End of Pipeline
Triggering a new build of Lab6do4 #2
Finished: SUCCESS
```

(d) DO-JOB-4 logs



Console Output

```
Started by upstream project "Lab6do3" build number 2
originally caused by:
 Started by upstream project "Lab6do2" build number 3
 originally caused by:
 Started by upstream project "Lab6do1" build number 3
 originally caused by:
   Started by user Rudra
[Pipeline] Start of Pipeline
[Pipeline] End of Pipeline
Finished: SUCCESS
```