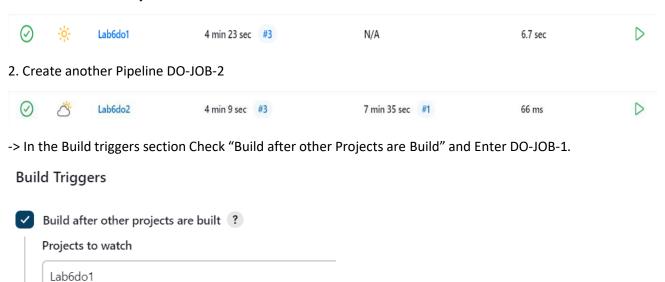
### **Experiment 6 Job Chaining in Jenkins**

**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

$\odot$	-\\\\-	Lab6do1	51 sec #4	N/A	10 sec	$\triangleright$
$\odot$	Č	Lab6do2	32 sec #4	1 day 13 hr #1	82 ms	$\triangleright$
$\odot$	Č	Lab6do3	22 sec #4	1 day 13 hr #1	81 ms	$\triangleright$
$\odot$	- <b>;</b> ¢;-	Lab6do4	12 sec #5	N/A	99 ms	$\triangleright$

#### 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
```