

# Experiment-7

## Create pipeline using blue ocean plugin.

The screenshot shows the Jenkins Dashboard in a Mozilla Firefox browser window. The address bar indicates the URL is localhost:8080. The dashboard features a sidebar with navigation options like 'New Item', 'People', 'Build History', and 'Open Blue Ocean'. The main content area displays a table of build jobs. Below the table, there are sections for 'Build Queue' (showing no builds) and 'Build Executor Status' (showing the master node).

S	W	Name	Last Success	Last Failure	Last Duration	Fav
		<a href="#">blueocean</a>	N/A	N/A	N/A	
		<a href="#">cicd_lab2</a>	23 days - #7	23 days - #6	32 sec	
		<a href="#">lab5</a>	2 days 13 hr - #1	N/A	35 sec	
		<a href="#">upes_jenkinsfilejct</a>	16 days - #2	16 days - #1	19 sec	

Icon: [S](#) [M](#) [L](#)

[Legend](#) [Atom feed for all](#) [Atom feed for failures](#) [Atom feed for just latest builds](#)

The screenshot shows the GitHub repository for the Jenkinsfile. The file is named 'Jenkinsfile' and is located in the 'blueocean/Jenkinsfile' directory. The code is displayed in a monospace font with line numbers and syntax highlighting. The file contains a Jenkins pipeline definition with three stages: 'Build', 'Test', and 'Clean'.

```
1 pipeline{
2   agent any
3   stages{
4     stage('Build'){
5       steps{
6         echo 'Build Stage'
7       }
8     }
9     stage('Test'){
10      steps{
11        echo 'mvn Test'
12      }
13    }
14    stage('Clean'){
15      steps{
16        echo 'Clean Stage'
17      }
18    }
19  }
20 }
```

Activities

Firefox Web Browser

Sep 15 12:06

Jenkins - Mozilla Firefox

Blackboard Learn x Continuous Integratio x blueocean/Jenkinsfile at x Jenkins / OCEAN x Personal Access Tokens x +

localhost:8080/blue/organizations/jenkins/OCEAN/activity

Jenkins

Pipelines Administration Logout

OCEAN ☆ ⚙

Activity Branches Pull Requests

STATUS	RUN	COMMIT	BRANCH	MESSAGE	DURATION	COMPLETED
✓	1	f7ffc93	master	Branch indexing	24s	a few seconds ago ↻

1.23.2 · Core 2.235.5 · 6a14f41 · 16th May 2020 03:07 AM

Activities Firefox Web Browser Sep 15 12:06

Jenkins / OCEAN / master / #1 - Mozilla Firefox

Blackboard Learn Continuous Integratio blueocean/Jenkinsfile at Jenkins / OCEAN / master Personal Access Tokens

localhost:8080/blue/organizations/jenkins/OCEAN/detail/master/1/pipeline

### ✓ OCEAN 1

Branch: master 24s No changes  
Commit: f7ffc93 a few seconds ago Branch indexing

Pipeline Changes Tests Artifacts Logout

Start Build Test Clean End

Clean - <1s Restart Clean

✓ Clean Stage — Print Message <1s

Activities Firefox Web Browser Sep 15 12:07

Jenkins Mozilla Firefox

Blackboard Learn Continuous Integratio blueocean/Jenkinsfile at Jenkins Personal Access Tokens

localhost:8080/blue/organizations/jenkins/pipelines

## Jenkins

Pipelines Administration Logout

Pipelines New Pipeline

Favorites

✓ OCEAN master a few seconds ago

NAME	HEALTH	BRANCHES	PR
blueocean	🌟	-	-
cicd_lab2	☁️	-	- ☆
ishita	🌟	-	-
ishitabansal	🌟	-	-
lab5	🌟	-	- ☆
OCEAN	🌟	-	- ☆
localhost:8080/blue/organizations/jenkins/blueocean/activity	☁️	-	- ☆