

LAB-02

01) What is Jenkins pipeline?

Jenkins Pipeline (or simply "Pipeline") is a suite of plugins which supports implementing and integrating continuous delivery pipelines into Jenkins

02) What scripting language is Jenkins pipeline syntax based on?

Groovy programming language

03) What are the ways you can write pipeline in Jenkins?

A Jenkinsfile can be written using two types of syntax - Declarative and Scripted.

Declarative and Scripted Pipelines are constructed fundamentally differently.

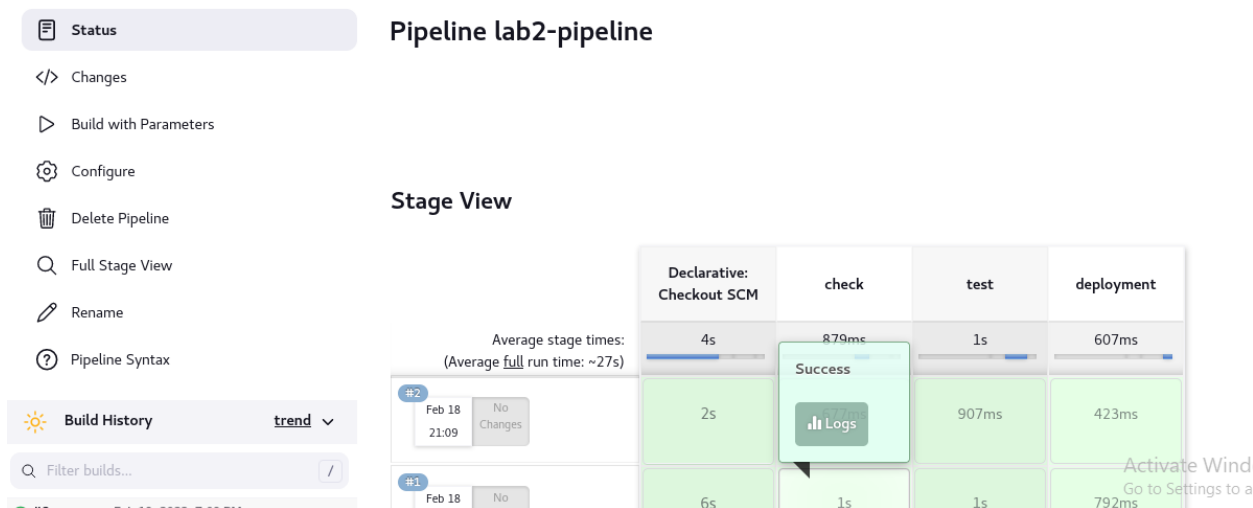
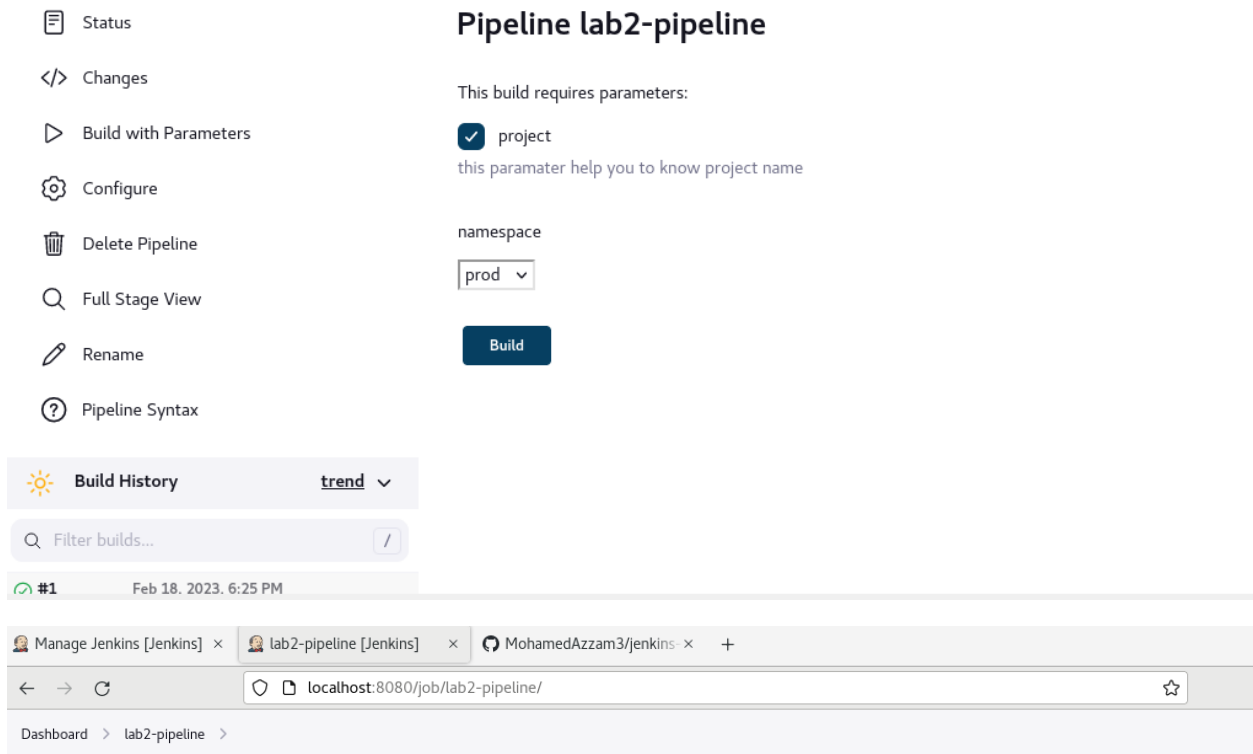
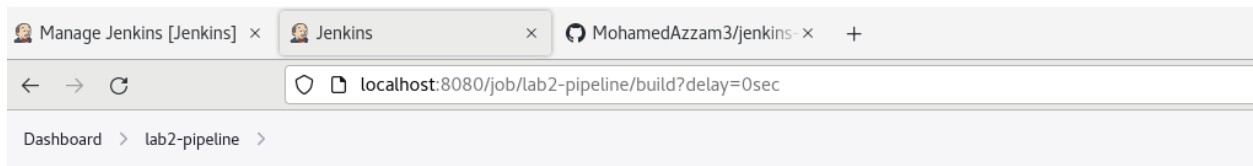
Declarative Pipeline is a more recent feature of Jenkins Pipeline which:

- > provides richer syntactical features over Scripted Pipeline syntax, and

- > is designed to make writing and reading Pipeline code easier.


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04) Create jenkins pipeline for your repo and use script file (jenkinsfile) to write pipeline syntax ?




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05) Create another multibranch pipeline and filter branches to contain only (master , dev , test) ?

 **Jenkins**

Search (CTRL+K) ?

 1

Mohamed Azzam ▾

Dashboard > multiBranch >

Status

Configure

▶ Scan Multibranch Pipeline Now

📄 Scan Multibranch Pipeline Log


📄 Multibranch Pipeline Events

🗑 Delete Multibranch Pipeline

👤 People

📅 Build History

🕒 Project Relationship

 **multiBranch**

Disable Multibranch

Branches (3)

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☀	dev	3 min 33 sec #1	N/A	19 sec
✓	☀	main	3 min 33 sec #1	N/A	16 sec
✓	☀	test	1 min 3 sec #1	N/A	16 sec