1. **What is Jenkins pipeline?**

* Jenkins Pipeline (or simply "Pipeline") is a suite of plugins which supports implementing and integrating continuous delivery pipelines into Jenkins.
* A continuous delivery pipeline is an automated expression of your process for getting software from version control right through to your users and customers.

1. **What scripting language is Jenkins pipeline syntax based on?**

* Pipelines are Jenkins jobs enabled by the Pipeline (formerly called “workflow”) plugin and built with simple text scripts that use a Pipeline DSL (domain-specific language) based on the Groovy programming language.

1. **What are the ways you can write pipeline in Jenkins?**

* There are two types of Jenkins pipeline syntax used for defining your Jenkins File.
* **Declarative:**

Declarative pipeline syntax offers an easy way to create pipelines. It contains a predefined hierarchy to create Jenkins pipelines. It gives you the ability to control all aspects of a pipeline execution in a simple, straight-forward manner.

* **Scripted:**

Scripted Jenkins pipeline runs on the Jenkins master with the help of a lightweight executor. It uses very few resources to translate the pipeline into atomic commands. Both declarative and scripted syntax are different from each other and are defined totally differently.

1. **Create declarative in jenkins GUI pipeline for your own repo to do "ls"**

**Graphical user interface, text, application

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1. **Create the same with jenkinsfile in your branches as multibranch pipeline**

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1. **Configure Jenkins image to run docker commands on your host docker daemon.**

**Text

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1. **Create CI/CD for this repo** [**https://github.com/ahmedKhaled1995/simple\_nodejs\_app**](https://github.com/ahmedKhaled1995/simple_nodejs_app)

**Graphical user interface, text, application, email

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