#### 01) What is Jenkins pipeline?

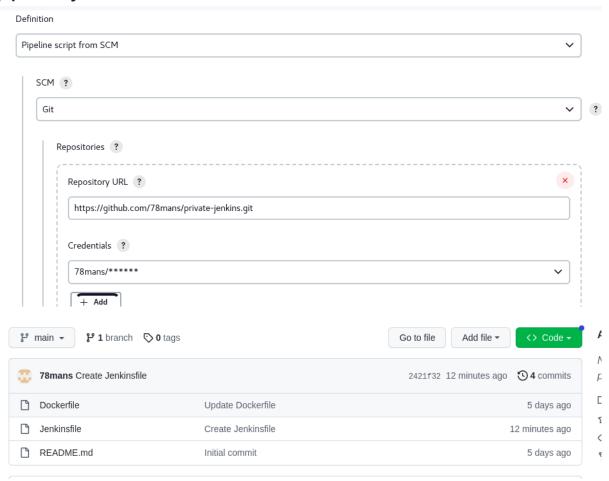
Jenkins Pipeline (or simply "Pipeline") is a suite of plugins which supports implementing and integrating continuous delivery pipelines into Jenkins. A continuous delivery pipeline is an automated expression of your process for getting software from version control right through to your users and customers.

**02) What scripting language is Jenkins pipeline syntax based on? Groovy** *programming language and you can also use* **bash** *scripting* 

### 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.

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



### Stage View

	Declarative: Checkout SCM	check	test	deployment
Average stage times: (Average <u>full</u> run time: ~52s)	5s	1s	1s	1s
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#### Dannalinka

```
checking your code
[Pipeline] echo
dev
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (test)
[Pipeline] echo
testing your app
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (deployment)
[Pipeline] echo
your code is deployed right now
[Pipeline] echo
this build number 1
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

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

