### 01) What is Jenkins used for?

Jenkins is an open source continuous integration/continuous delivery and deployment (CI/CD) automation software DevOps tool written in the Java programming language. It is used to implement CI/CD workflows, called pipelines.

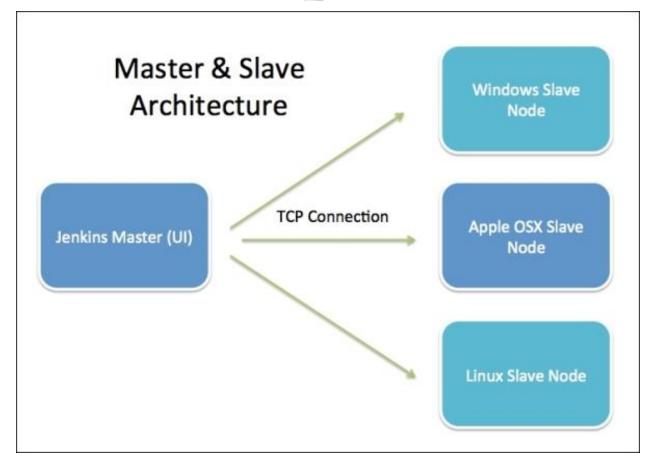
O2) What is Jenkins agent? What is Jenkins executor (Build Executor)?

An agent is typically a machine, or container, which connects to a Jenkins controller and executes tasks when directed by the controller

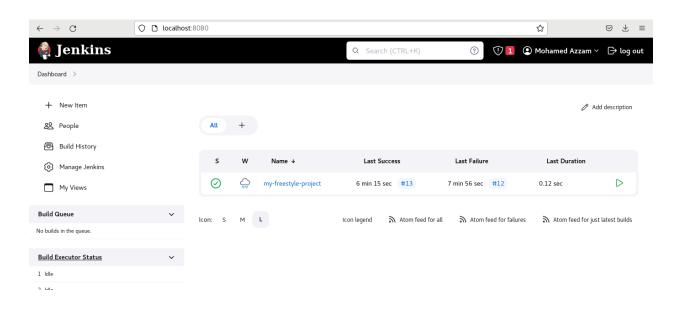
A Jenkins executor is one of the basic building blocks which allow a build to run on a node/agent

03) Explain Jenkins master-slave architecture?

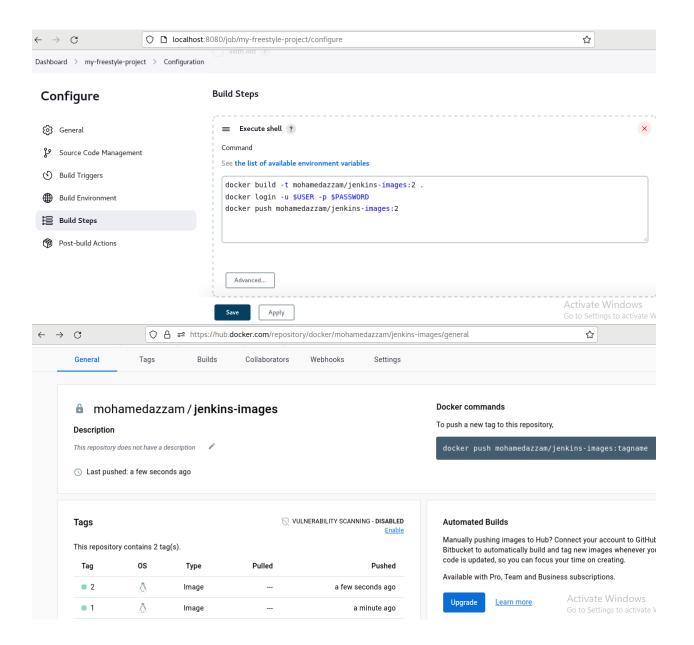
A Jenkins slave node is simply a device configured to act as an automation executor on behalf of the master



#### 04) Install jenkins with docker image.



05) Create free style project and link it to private git repo containing any dockerfile then biuld an image from this dockerfile and push it to private docker repo



(global)

(global)



#### Stores scoped to Jenkins

System System

System System



github-token

docker-hub

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