#### What are the different methods to trigger pipeline in Jenkins?

- Trigger builds remotely
- Build after other projects are built
- Build periodically
- GitHub hook trigger
- Poll SCM

#### What is the benefit of using master-slave architecture rather than building on master only?

- 1- Produce backups
- 2- Distribute nodes across slave nodes and help to scale up and down easily

#### What is different between authorization and authentication?

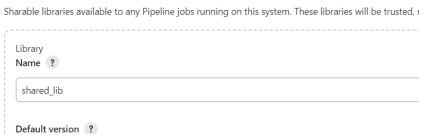
Authentication verifies the identity of a user or service, and authorization determines their access rights

### What is the benefit of making organization job in Jenkins?

enable Jenkins to monitor an entire GitHub Organization

#### Make Jenkins-shared-library and make your Jenkins file which you used in lab2 to point to this library

#### **Global Pipeline Libraries**



# Pipeline

## Definition

```
Checking out Revision c417b1c7dc7fbbc321dd48
> git config core.sparsecheckout # timeout=:
 > git checkout -f c417b1c7dc7fbbc321dd48c69
Commit message: "Delete sss"
> git rev-list --no-walk c417b1c7dc7fbbc321d
[Pipeline] Start of Pipeline
[Pipeline] stage
[Pipeline] { (Demo)
[Pipeline] echo
Hello world
[Pipeline] echo
Hello, Ahmed.
[Pipeline] }
[Pipeline] // stage
[Pipeline] End of Pipeline
Finished: SUCCESS
```