Lab3

what are different method to trigger pipeline in jenkins?

- 1. Trigger builds remotely.
- 2. Build periodically.
- 3. GitHub webhook trigger.
- 4. Poll SCM
- 5. Build after other piplines are built.
- 6. Build manually

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

- Produce backups Obviously, the major utility of master-slave database architecture is its ability to provide
 reliable backups through their chain of slave databases. The slave database can be turned off without affecting
 the master database's activities. This is because live data snapshots will be replicated to the slave database, and
 data resources will remain intact even if the master database fails.
- Scale out the application When your number of users increases and your app's usage skyrockets, it's critical to scale out your app so that your audience has a consistent experience. By splitting your data load across numerous databases, the master-slave database architecture can help you scale out your application.
- Split your work without causing a mess You can use your slave nodes to collect the necessary data and generate a complete report, while the master node pushes new updates and features to your application server.
- Top-notch performance It is extremely fast and fetches data without any issues, imposing no restrictions regarding performance and time to load the data.

what is different between authorization and authentication?

- Authentication verifies the identity of a user or service
- Authorization determines their access rights

what is the benefit of making organization job in jenkins?

- Organization Folders enable Jenkins to monitor an entire GitHub Organization, Bitbucket

Team/Project, GitLab organization, or Gitea organization

- automatically create new Multibranch Pipelines for repositories which contain branches

and pull requests containing a Jenkinsfile

make jenkins-shared-library and make your jenkinsfile which you used in lab2 to point to this library











