Advantages of Cloud:

1. Scalability and flexibility: Cloud computing gives your business more flexibility. You can quickly scale resources and storage up to meet business demands without having to invest in physical infrastructure.
2. Cost Savings: you only pay for the resources you actually use. This helps you avoid overbuilding and overprovisioning your data center and gives your IT teams back valuable time to focus on more strategic work.
3. Better collaboration: Cloud storage enables you to make data available anywhere you are, anytime you need it. Instead of being tied to a location or specific device, people can access data from anywhere in the world from any device as long as they have an internet connection
4. Advanced security: Despite popular perceptions, cloud computing can actually strengthen your security posture because of the depth and breadth of security features, automatic maintenance, and centralized management.
5. Data loss prevention: Cloud providers offer backup and disaster recovery features. Storing data in the cloud rather than locally can help prevent data loss in the event of an emergency, such as hardware malfunction, malicious threats, or even simple user error.

Tasks:

Jenkins intsall —- Done

Tomcat setup — Done

Git setup — Done

Maven Setup — Done

Configuration –Done - JENKINS\_HOME" environment variable

Management –Done

Setup Build Jobs  — Done

Install jdk 8 or JDK 17- pre requisite for jenkins

MongoDB

MongoDb Installation link

<https://www.mongodb.com/try/download/community>

MongoDb installation steps link

<https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-windows/>

this is also MongoDb link any one you can follow..

<https://www.geeksforgeeks.org/how-to-install-mongodb-on-windows/>

Mongosh installation steps link

<https://www.mongodb.com/docs/mongodb-shell/install/>

Setting the path..

Env path

C:\Program Files\MongoDB\Server\7.0\bin

C:\Program Files\MongoDB\mongosh\mongosh-2.2.12-win32-x64\bin