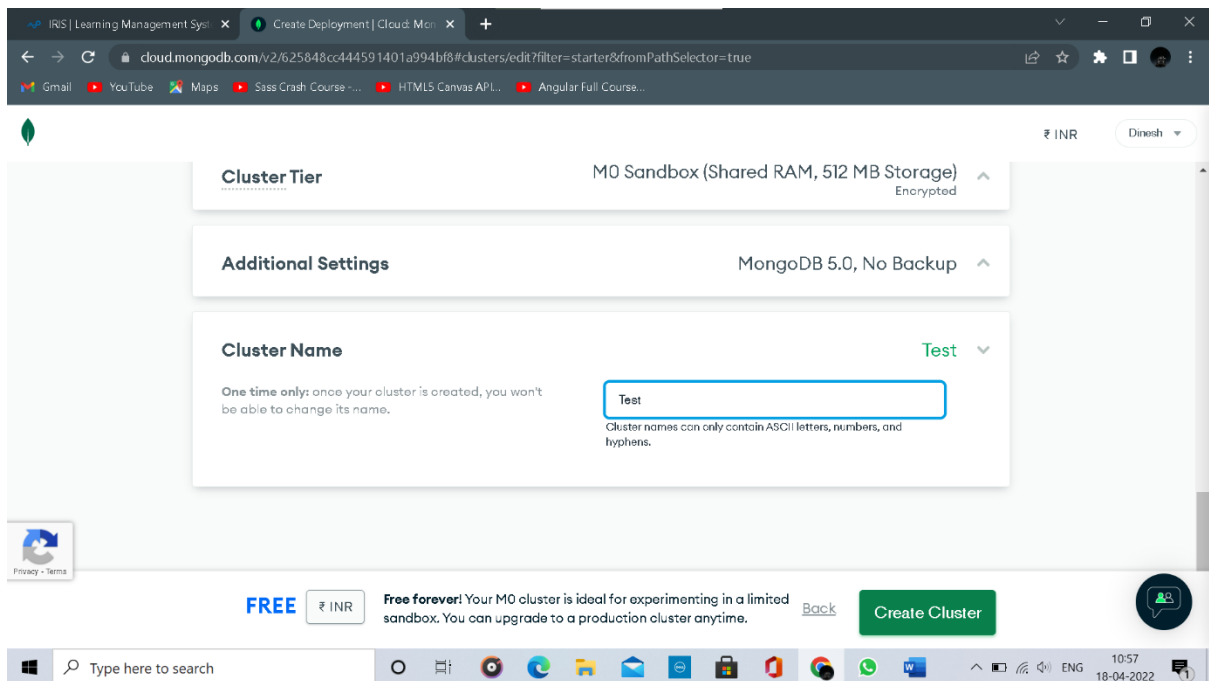# Assignment 1
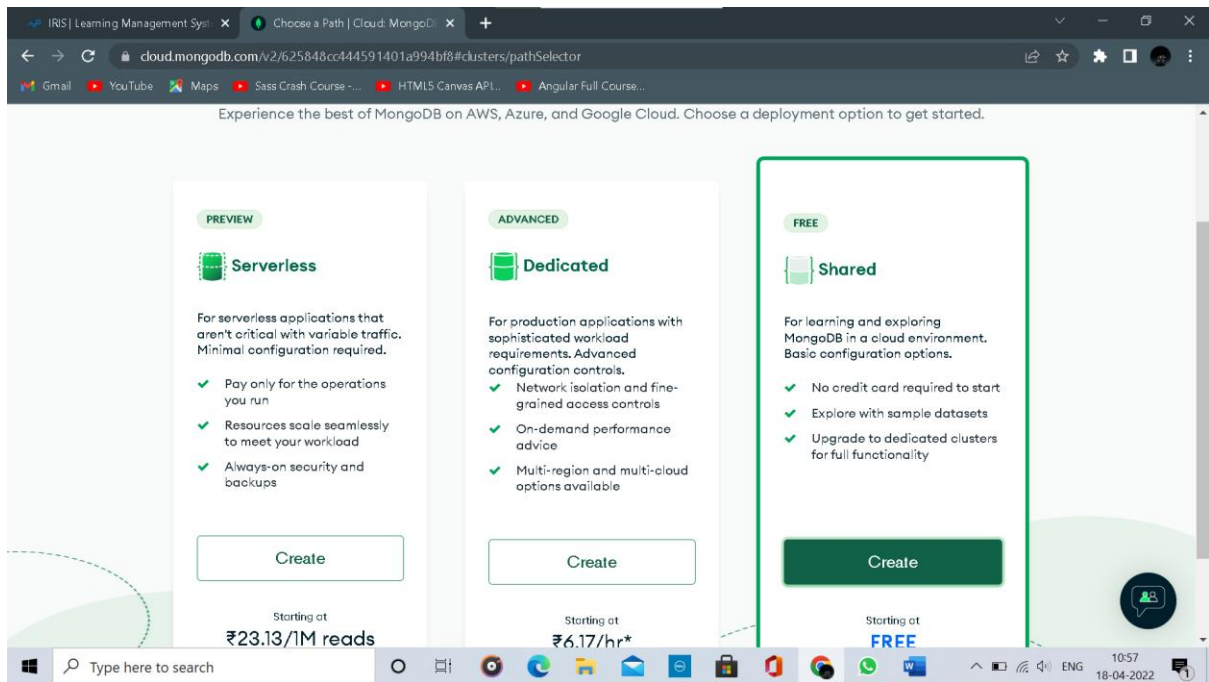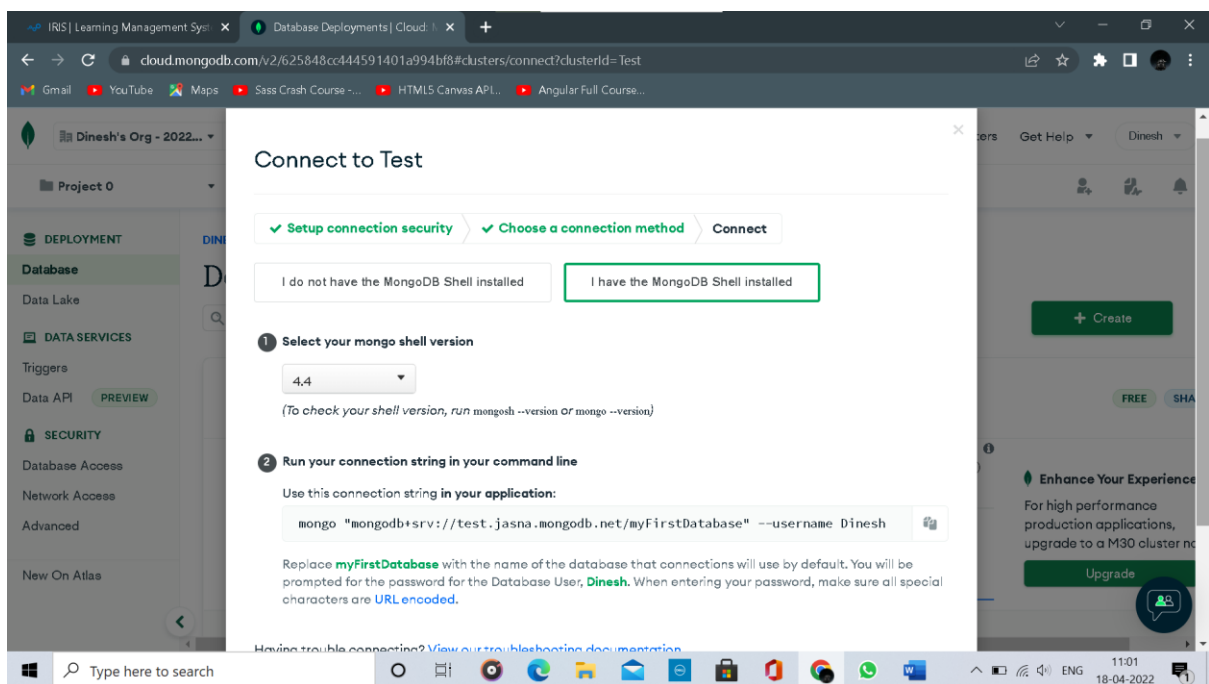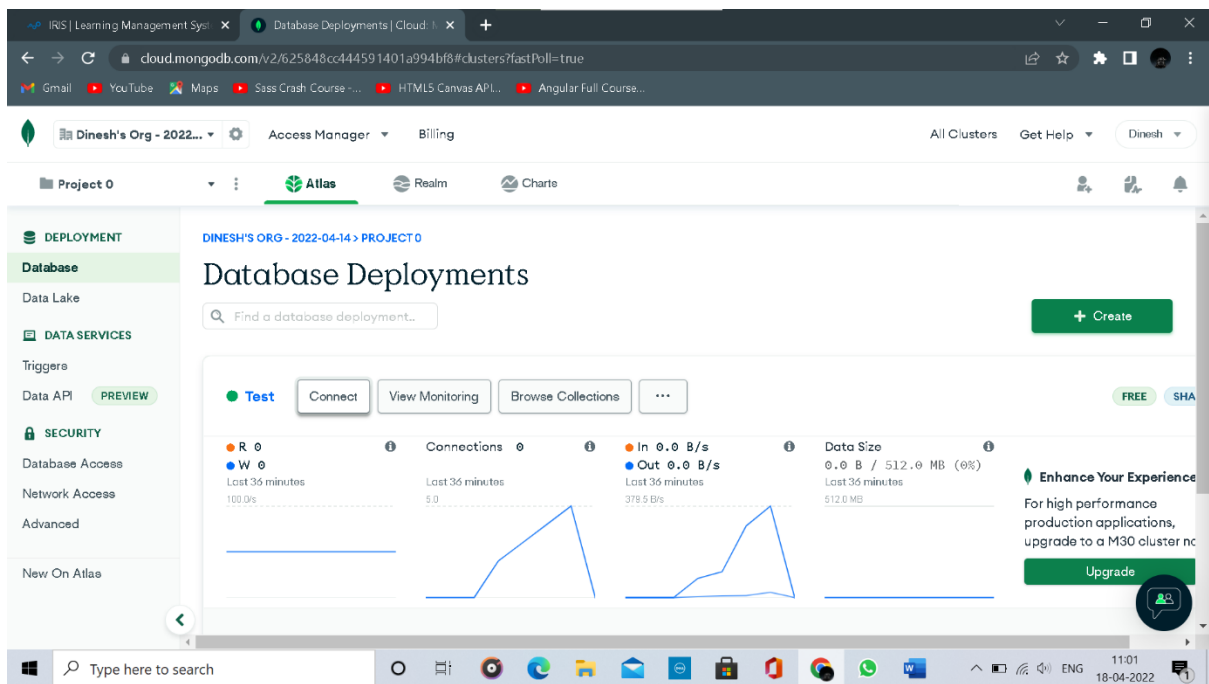
Create Clusters of mongoDB to connect with MongoDB shell
By installing MongoDB Server and all its required
functionalities.

Experience the best of MongoDB on AWS, Azure, and Google Cloud. Choose a deployment option to get started.

PREVIEW

Serverless

For serverless applications that aren't critical with variable traffic. Minimal configuration required.

- Pay only for the operations you run
- Resources scale seamlessly to meet your workload
- Always-on security and backups

Create

Starting at
₹23.13/1M reads

ADVANCED

Dedicated

For production applications with sophisticated workload requirements. Advanced configuration controls.

- Network isolation and fine-grained access controls
- On-demand performance advice
- Multi-region and multi-cloud options available

Create

Starting at
₹6.17/hr*

FREE

Shared

For learning and exploring MongoDB in a cloud environment. Basic configuration options.

- No credit card required to start
- Explore with sample datasets
- Upgrade to dedicated clusters for full functionality

Create

Starting at
FREE

₹ INR   Dinesh ▾

Cluster Tier   M0 Sandbox (Shared RAM, 512 MB Storage) ⌃
                      Encrypted

Additional Settings   MongoDB 5.0, No Backup ⌃

Cluster Name   Test ⌄

One time only: once your cluster is created, you won't be able to change its name.

Test

Cluster names can only contain ASCII letters, numbers, and hyphens.

FREE ₹ INR   **Free forever!** Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.   Back   **Create Cluster**

After copying url

Open cmd

Paste it

Change MyFirstDatbase to your database name

After write –password of database

```
Microsoft Windows [Version 10.0.19043.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dinesh>mongo "mongodb+srv://test.jasna.mongodb.net/Test" --username Dinesh --password Dinesh@19112000
MongoDB shell version v5.0.7
connecting to: mongodb://test-shard-00-01.jasna.mongodb.net:27017,test-shard-00-02.jasna.mongodb.net:27017,test-shard-00-00.jasna.mongodb.net:27017/Test?authSource=admin&co
mpressors=disabled&gssapiServiceName=mongodb&replicaSet=atlas-dhmnpz-shard-0&ssl=true
Implicit session: session { "id" : UUID("2e6820a1-260e-4655-b74b-99eebe23835d") }
MongoDB server version: 5.0.7
==================
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility.The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
==================
MongoDB Enterprise atlas-dhmnpz-shard-0:PRIMARY> use Test
switched to db Test
MongoDB Enterprise atlas-dhmnpz-shard-0:PRIMARY> db.createCollection('Dinesh');
{
        "ok" : 1,
        "$clusterTime" : {
                "clusterTime" : Timestamp(1650259993, 10),
                "signature" : {
                        "hash" : BinData(0,"CcL70W1Q5fBJOSJsN7UEy7fXxzI="),
                        "keyId" : NumberLong("7035726832569679874")
                }
        },
        "operationTime" : Timestamp(1650259993, 10)
}
MongoDB Enterprise atlas-dhmnpz-shard-0:PRIMARY> db.Dinesh.insert({"title":"MongoDB Course","version":5.5});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-dhmnpz-shard-0:PRIMARY>
```