**PRACTICAL NO. : 10**

**AIM: Perform backup and restore databases in MongoDB**

Step 1: Open three command prompts as administrator

Type following commands:

Command Prompt 1: mongod

Command Prompt 2: mongo

Command Prompt 3: cd C:\Program Files\MongoDB\Server\5.0\bin

**Backup and restore of All the databases:**

Step 2: In 2nd command prompt show the database

Show dbs

Step 3: To create the backup files of databases, type in 3rd command promt,

Mongodump

Step 3: In 2nd Command prompt, Switch to the databases and delete all.

Db.dropDatabase()

Show dbs

Step 4: To restore all the deleted databases, type in 3rd Command prompt

Mongorestore

Step 5: Check the result in 2nd Command prompt

Show dbs

**Backup and restore a single the database:**

**Step 6: Delete the dump folder created in bin directory of Mongodb**

In 3rd command, use the following syntax

Mongodump - -db databasename

Step 7: To restore the one of the databases,

Delete the one of the databases

In 2nd command prompt,

Show dbs

Use databasename

Db.dropDatabase()

Show dbs

Step 8: To restore the deleted database, type in 3rd Command prompt,

Mongorestore - -db databasename dump/databasename

Step 9: Check the result in 2nd command prompt

Show dbs

**backup and restore a single collection:**

**Step 10: Delete the dump folder created in bin directory of Mongodb**

**Check the database and its collection in 2nd command prompt**

**Step 11:** To back up the collection, In 3rd command prompt, type

Mongodump --db databasename --collection collectionname

Check the result in Bin folder.

Step 12: To restore, delete the collection

Db.collectionname.drop()

Step 13: To restore the deleted collection

Mongorestore --db databasename --collection collectioname dump/databasename/collectionname.bson

Check the collection using

Show collections