

5. Write MONGO shell basic commands and execute with proper output.

Here are some basic MongoDB shell commands that you can use to interact with a MongoDB database:

use <database>: This command is used to switch to a specific database. If the database does not exist, it will be created.

Example:

use mydatabase

switched to db mydatabase

show dbs: This command is used to list all databases on the MongoDB server.

Example:

show dbs

admin 0.000GB

config 0.000GB

mydatabase 0.000GB

db.createCollection(<name>): This command is used to create a new collection in the current database.

Example:

db.createCollection("users")

{ "ok" : 1 }

show collections: This command is used to list all collections in the current database.

Example:

show collections

users

db.<collection>.insertOne(<document>): This command is used to insert a single document into a collection.

Example:

```
db.users.insertOne({ "name": "John", "age": 30 })
```

```
{  
  "acknowledged" : true,  
  "insertedId" : ObjectId("5f23b4efc7b2b4e4e4f4b986")  
}
```

db.<collection>.find(): This command is used to find all documents in a collection.

Example:

```
db.users.find()
```

```
{ "_id" : ObjectId("5f23b4efc7b2b4e4e4f4b986"), "name" : "John", "age" : 30 }
```

db.<collection>.find({<query>}): This command is used to find documents in a collection that match a specific query.

Example:

```
db.users.find({ "age": { $gt: 25 } })
```

```
{ "_id" : ObjectId("5f23b4efc7b2b4e4e4f4b986"), "name" : "John", "age" : 30 }
```