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# **BIG DATA ANALYTICS**

## **MongoDB**

**Create & Drop Database**

<https://www.youtube.com/c/RASINENIMADANAMOHANA>

# MongoDB: Create Database

# MongoDB: *Create Database*

## The use Command:

- **MongoDB use DATABASE\_NAME** is used to create database.
- The command will create a new database if it doesn't exist, otherwise it will return the existing database.

# MongoDB: *Create Database*

## The use Command: *Syntax*

Basic syntax of **use DATABASE** statement is as follows:

```
use DATABASE_NAME
```

# MongoDB: *Create Database*

## The use Command: *Example*

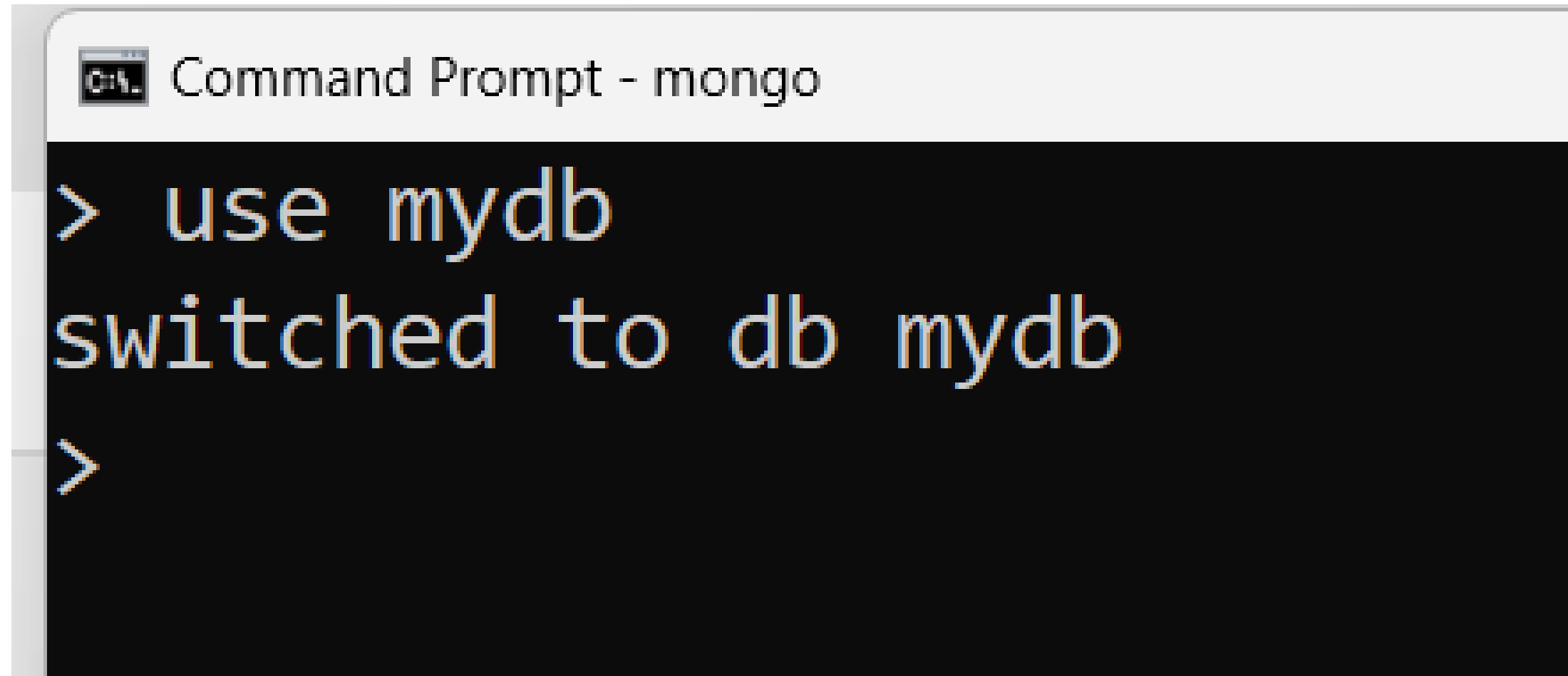
If we want to create a database with name **<mydb>**, then **use DATABASE** statement would be as follows:

```
> use mydb  
switched to db mydb
```

# MongoDB: *Create Database*

## The use Command: *Example*

If we want to create a database with name **<mydb>**, then **use DATABASE** statement would be as follows:



```
Command Prompt - mongo
> use mydb
switched to db mydb
>
```

# MongoDB: *Create Database*

## The use Command: *Example*

To check your currently selected database, use the command **db**

```
> db
```

```
mydb
```

# MongoDB: *Create Database*

## The use Command: *Example*

If we want to check our databases list, use the command **show dbs**.

```
> show dbs
```

```
admin      0.000GB
```

```
config    0.000GB
```

```
local     0.000GB
```



# MongoDB: *Create Database*

## The use Command: *Example*

If we want to check our databases list, use the command **show dbs**.

```
Command Prompt - mongo
> use mydb
switched to db mydb
> db
mydb
> show dbs
admin    0.000GB
config  0.000GB
local   0.000GB
>
```

# MongoDB: *Create Database*

## The use Command: *Example*

- Our created database (**mydb**) is not present in list.
- To display database, we need to **insert at least one document** into it.

# MongoDB: *Create Database*

## The use Command: *Example*

```
> db.student.insert({"name": "Ram"})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> show dbs
```

```
admin      0.000GB
```

```
config    0.000GB
```

```
local     0.000GB
```

```
mydb      0.000GB
```

# MongoDB: *Create Database*

## The use Command: *Example*

- In **MongoDB** default database is **test**.
- If we didn't create any database, then **collections** will be stored in **test** database.

# MongoDB: Drop Database

# MongoDB: *Drop Database*

The dropDatabase() Method:

**MongoDB db.dropDatabase()** command is used to **drop** a existing database.

The dropDatabase() Method: *Syntax*

Basic syntax of **dropDatabase()** command is as follows:

```
db.dropDatabase()
```

# MongoDB: *Drop Database*

## The dropDatabase() Method:

- This will delete the selected database.
- If we have not selected any database, then it will delete default '**test**' database.

# MongoDB: *Drop Database*

## The dropDatabase() Method: *Example*

First, check the list of available databases by using the command, **show dbs**.

```
> show dbs
```

```
admin      0.000GB
```

```
config    0.000GB
```

```
local     0.000GB
```

```
mydb     0.000GB
```



# MongoDB: *Drop Database*

## The dropDatabase() Method: *Example*

If we want to **delete** *new database* **<mydb>**, then **dropDatabase()** command would be as follows:

```
> use mydb
```

```
switched to db mydb
```

```
> db.dropDatabase()
```

```
{ "ok" : 1 }
```

```
>
```

# MongoDB: *Drop Database*

## The dropDatabase() Method: *Example*

If we want to delete *new database* **<mydb>**, then **dropDatabase()** command would be as follows:

```
Command Prompt - mongo
> show dbs
admin    0.000GB
config  0.000GB
local   0.000GB
mydb    0.000GB
> use mydb
switched to db mydb
> db.dropDatabase()
{ "ok" : 1 }
>
```

# MongoDB: *Drop Database*

## The dropDatabase() Method: *Example*

Now check list of databases.

```
> show dbs
```

```
admin      0.000GB
```

```
config    0.000GB
```

```
local     0.000GB
```

```
>
```

# MongoDB: *Drop Database*

## The dropDatabase() Method: *Example*

```
Command Prompt - mongo
> show dbs
admin    0.000GB
config  0.000GB
local   0.000GB
mydb    0.000GB
> use mydb
switched to db mydb
> db.dropDatabase()
{ "ok" : 1 }
> show dbs
admin    0.000GB
config  0.000GB
local   0.000GB
> _
```