

CRUD Operations



Methods to Perform Operations

Create :

to create a new document or a collection

Insert :

to insert new documents into a collection

Find :

to retrieve documents from a collection

Remove :

to remove documents in a collection

Drop :

to remove an entire collection or current database

Update :

to update the existing documents in a collection

Count :

to count the number of documents that match a find query

Create Operations

use Database_Name is used to create the database, this command will create a new database, if it does not exists.

db.createCollection(name) is used to create a new collection.

db.Collection_Name.insert(document) is used to insert the documents into the collection.



Hands-On



Read Operations

`db.Collection_Name.find()` is used to query the data in MongoDB or it will display all the documents in an unstructured way.

`db.Collection_Name.find().pretty()` is used to display documents in an organized way.



Hands-On



Update Operations

`db.Collection_Name.update(Selection_criteria , Updated_Data)` is used to update the documents of a collection.

Update
Specific
Field

Update an
embedded
field

Update
multiple
documents

Replace
entire
document



Hands-On



Delete Operations

`db.Collection_Name.remove`
(Deletion Criteria) is used
to delete the documents
from a collection based
on two parameters
(optional).

- **Deletion criteria** : according to documents will be removed
- **JustOne** : if set one, than only 1 document will be deleted.

☐ Remove all documents

☐ Remove documents that match a condition

☐ Remove a single document that match a condition



Hands-On

