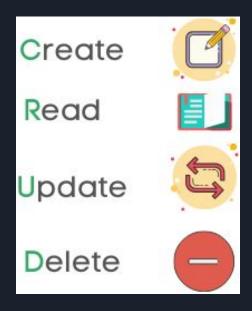


IT-NSQ1Y-S22

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Demonstrate how to use the MongoDB CRUD operations to insert, query, update and delete documents

# MongoDB CRUD operations



### Create Operations

- **db.collection.insertOne()**: Inserts a single document into a collection.
- **db.collection.insertMany():** Inserts multiple documents into a collection.

### Read Operations

db.collection.find(): selects
documents in a collection or view and
returns a cursor to the selected
documents.

### Update Operations

- db.collection.updateOne(): Updates a single document within the collection based on the filter.
- **db.collection.updateMany()**: Updates all documents that match the specified filter for a collection.
- **db.collection.replaceOne()**: Replaces a single document within the collection based on the filter.

## Delete Operations

- **db.collection.deleteOne()**: Removes a single document from a collection.
- db.collection.deleteMany(): Removes all documents that match the filter from a collection.

Present your hand-in to course assignment 2 with a focus on replication and sharding