

MongoDB CRUD

1. Create

- a. Insert a document into a collection
 - i. `db.mycollection.insert({})`
- b. Insert an Array of Documents
 - i. `db.mycollection.insert([])`

2. Retrieve

- a. Select All Documents in a Collection
 - i. `db.inventory.find({})`
- b. Specify Equality Condition
 - i. `db.inventory.find({ type: "snacks" })`
- c. Specify Conditions Using Query Operators
 - i. `db.inventory.find({ type: { $in: ['food', 'snacks'] } })`
 - ii. `$in` -> or
- d. Specify AND Conditions
 - i. `db.inventory.find({ type: 'food', price: { $lt: 9.95 } })`
 - ii. `$lt` -> less than

3. Update

- a. `db.inventory.update(`
 - `{ item: "MNO2" },`
 - `{`
 - `$set: {`
 - `category: "apparel",`
 - `details: { model: "14Q3", manufacturer: "XYZ Company" }`
 - `},`
 - `$currentDate: { lastModified: true }`
 - `}`
- `)`

4. Delete

- a. `db.inventory.remove({})`
- b. `db.inventory.remove({ type : "food" })`
- c.