

- 1a. Using MongoDB, create a collection called transactions in database usermanaged (drop if it already exists) and bulk load the data from a json file, **transactions.json**
- 1b. Upsert the record from the new file called **transactions\_upsert.json** in Mongoddb.

### Transactions.json

```
[
  {
    "_id": 1,
    "item": "book",
    "price": 10
  },
  {
    "_id": 2,
    "item": "pen",
    "price": 2
  },
  {
    "_id": 3,
    "item": "notebook",
    "price": 5
  }
]
```

Using MongoDB, create a collection called transactions in database usermanaged (drop if it already exists) and bulk load the data from a json file, transactions.json

```
mongoimport --db usermanaged --collection transactions --file transactions.json --  
jsonArray --drop
```

-db usermanaged : creates a database named usermanaged

-collection **transaction** : name of transaction(filename).

-file *transactions.json*: file name

-jsonArray: Type of file.

-drop: if the file exist drop the file.

Open a new terminal in command prompt

mongosh → show dbs → use *database\_name* → show collections → db.collection\_name.find()

Output:

```
usermanaged> show collections
transactions
usermanaged> db.transactions.find()
[
  { _id: 2, item: 'pen', price: 2 },
  { _id: 3, item: 'notebook', price: 5 },
  { _id: 1, item: 'book', price: 10 }
]
```

**Upsert the record from the new file called transactions\_upsert.json in MongoDB.**

```
mongoimport --db usermanaged --collection transactions --file transactions_upsert.json --
jsonArray --upsert
```

–upsert: Updates the file if the document value already exist in file or adds the value if value is not present in document.

**Transaction\_upsert.json**

```
[
  {
    "_id": 1,
    "item": "book",
    "price": 12
  },
  {
    "_id": 4,
    "item": "pencil",
    "price": 1
  }
]
```

Output:

```
usermanaged> db.transactions.find()
[
  { _id: 2, item: 'pen', price: 2 },
  { _id: 3, item: 'notebook', price: 5 },
  { _id: 1, item: 'book', price: 12 },
  { _id: 4, item: 'pencil', price: 1 }
]
usermanaged> |
```