

- 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 Mongodb.

### **Transactions.json**

```
[
```

```
{  
  "_id": 1,  
  "item": "book",  
  "price": 10  
},  
  
{  
  "_id": 2,  
  "item": "pen",  

```

```
]
```

**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> |
```