

MongoDB: CRUD Operations

- Create:

```
test> db.createCollection("Hotel")
{ ok: 1 }
test> db.Hotel.insertOne({"restaurant_id":1,"name":"Sainath","borough":"Pune","cuisine":"Indian"})
{
  acknowledged: true,
  insertedId: ObjectId('664b3ffb9eea78934ecdcd6')
}
test> db.Hotel.insertOne({"restaurant_id":2,"name":"Jagdamba","borough":"Pune","cuisine":"Indian"})
{
  acknowledged: true,
  insertedId: ObjectId('664b40069eea78934ecdcd7')
}
test> db.Hotel.insertOne({"restaurant_id":3,"name":"Jogeshwari","borough":"Pune","cuisine":"Indian"})
{
  acknowledged: true,
  insertedId: ObjectId('664b416a9eea78934ecdcd8')
}
test> db.Hotel.insertOne({"restaurant_id":4,"name":"Sandeep","borough":"Ahmednagar","cuisine":"Indian"})
{
  acknowledged: true,
  insertedId: ObjectId('664b41779eea78934ecdcd9')
}
test> db.Hotel.insertOne({"restaurant_id":5,"name":"Camp Burger","borough":"Pune","cuisine":"American"})
{
  acknowledged: true,
  insertedId: ObjectId('664b41829eea78934ecdcdfa')
}
```

- Read:

```
test> db.Hotel.find()
[
  {
    _id: ObjectId('664b3ffb9eea78934ecdcd6'),
    restaurant_id: 1,
    name: 'Sainath',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b40069eea78934ecdcd7'),
    restaurant_id: 2,
    name: 'Jagdamba',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b416a9eea78934ecdcd8'),
    restaurant_id: 3,
    name: 'Jogeshwari',
    borough: 'Pune',
    cuisine: 'Indian'
  },
]
```

```

{
  _id: ObjectId('664b41779eea78934ecdcd9f'),
  restaurant_id: 4,
  name: 'Sandeep',
  borough: 'Ahmednagar',
  cuisine: 'Indian'
},
{
  _id: ObjectId('664b41829eea78934ecdcdfa'),
  restaurant_id: 5,
  name: 'Camp Burger',
  borough: 'Pune',
  cuisine: 'American'
}
]

```

```

test> db.Hotel.find({cuisine:"Indian"})
[
  {
    _id: ObjectId('664b3fffb9eea78934ecdcd6f'),
    restaurant_id: 1,
    name: 'Sainath',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b40069eea78934ecdcd7f'),
    restaurant_id: 2,
    name: 'Jagdamba',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b416a9eea78934ecdcd8f'),
    restaurant_id: 3,
    name: 'Jogeshwari',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b41779eea78934ecdcd9f'),
    restaurant_id: 4,
    name: 'Sandeep',
    borough: 'Ahmednagar',
    cuisine: 'Indian'
  }
]

```

- Update:

```
test> db.Hotel.updateOne({restaurant_id:3},{ $set:{name:"Ek Vira"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
test> db.Hotel.find({restaurant_id:3})
[
  {
    _id: ObjectId('664b416a9eea78934ecdcd8'),
    restaurant_id: 3,
    name: 'Ek Vira',
    borough: 'Pune',
    cuisine: 'Indian'
  }
]
```

- Delete:

```
test> db.Hotel.deleteOne({cuisine:"American"})
{ acknowledged: true, deletedCount: 1 }
test> db.Hotel.find()
[
  {
    _id: ObjectId('664b3ffb9eea78934ecdcd6'),
    restaurant_id: 1,
    name: 'Sainath',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b40069eea78934ecdcd7'),
    restaurant_id: 2,
    name: 'Jagdamba',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b416a9eea78934ecdcd8'),
    restaurant_id: 3,
    name: 'Ek Vira',
    borough: 'Pune',
    cuisine: 'Indian'
  },
  {
    _id: ObjectId('664b41779eea78934ecdcd9'),
    restaurant_id: 4,
    name: 'Sandeep',
    borough: 'Ahmednagar',
    cuisine: 'Indian'
  }
]
```