MongoDB CRUD & Important Queries Cheatsheet

1. INSERT

One: db.posts.insertOne({ title: 'Post Title', body: 'Body.', likes: 5 })

Many: db.posts.insertMany([{ title: 'Post 1' }, { title: 'Post 2' }])

2. READ

All: db.posts.find()

Filter: db.posts.find({ likes: { $gte: 5 } })

One: db.posts.findOne({ title: 'Post 1' })

Project: db.posts.find({}, { title: 1, likes: 1 })

Sort & Limit: db.posts.find().sort({ likes: -1 }).limit(3)

3. UPDATE

One: db.posts.updateOne({ title: 'Post 1' }, { $set: { likes: 10 } })

Many: db.posts.updateMany({ likes: { $lt: 5 } }, { $set: { category: 'Low Likes' } })

Increment: db.posts.updateOne({ title: 'Post 1' }, { $inc: { likes: 1 } })

4. DELETE

One: db.posts.deleteOne({ title: 'Post 1' })

Many: db.posts.deleteMany({ likes: { $lt: 5 } })

5. IMPORTANT

Count: db.posts.countDocuments({ likes: { $gt: 5 } })

Distinct: db.posts.distinct('category')

AND: db.posts.find({ $and: [{ likes: { $gte: 5 } }, { category: 'News' }] })

OR: db.posts.find({ $or: [{ category: 'News' }, { category: 'Sports' }] })

Drop: db.posts.drop()