```
PS C:\Users\preci> mongosh
Current Mongosh Log ID: 6903464c4c7a650147cebea3
Connecting to:          mongodb://127.0.0.1:27017/?
directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.5.8
Using MongoDB:          8.2.0
Using Mongosh:          2.5.8

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/


------
   The server generated these startup warnings when booting
   2025-10-30T15:36:50.663+05:30: Access control is not enabled for the
database. Read and write access to data and configuration is unrestricted
------


test> use college_db
switched to db college_db
college_db> db.createCollection("teacher_info")
{ ok: 1 }
college_db> db.teacher_info.insertMany([
...    {teacher_id: "gsm001", teacher_name: "Priyanka", dept_name: "IT", status:
"A", sal: 45000},
...    {teacher_id: "gsm002", teacher_name: "Pradnya", dept_name: "IT", status:
"A", sal: 40000},
...    {teacher_id: "gsm003", teacher_name: "Seema", dept_name: "IT", status:
"N", sal: 30000}
... ])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('6903465b4c7a650147cebea4'),
    '1': ObjectId('6903465b4c7a650147cebea5'),
    '2': ObjectId('6903465b4c7a650147cebea6')
  }
}
college_db> db.teacher_info.find().pretty()
[
  {
    _id: ObjectId('6903465b4c7a650147cebea4'),
    teacher_id: 'gsm001',
    teacher_name: 'Priyanka',
    dept_name: 'IT',
    status: 'A',
    sal: 45000
  },
  {
    _id: ObjectId('6903465b4c7a650147cebea5'),
    teacher_id: 'gsm002',
    teacher_name: 'Pradnya',
    dept_name: 'IT',
    status: 'A',
    sal: 40000
  },
  {
    _id: ObjectId('6903465b4c7a650147cebea6'),
    teacher_id: 'gsm003',
    teacher_name: 'Seema',
    dept_name: 'IT',
    status: 'N',
    sal: 30000
  }
]
college_db> db.teacher_info.find({teacher_name: "Priyanka"}).pretty()
[
```

```
      {
        _id: ObjectId('6903465b4c7a650147cebea4'),
        teacher_id: 'gsm001',
        teacher_name: 'Priyanka',
        dept_name: 'IT',
        status: 'A',
        sal: 45000
      }
    ]
    college_db> db.teacher_info.find({status: {$ne: "A"}}).pretty()
    [
      {
        _id: ObjectId('6903465b4c7a650147cebea6'),
        teacher_id: 'gsm003',
        teacher_name: 'Seema',
        dept_name: 'IT',
        status: 'N',
        sal: 30000
      }
    ]
    college_db> db.teacher_info.find({sal: {$gt: 40000}}).pretty()
    [
      {
        _id: ObjectId('6903465b4c7a650147cebea4'),
        teacher_id: 'gsm001',
        teacher_name: 'Priyanka',
        dept_name: 'IT',
        status: 'A',
        sal: 45000
      }
    ]
    college_db> db.teacher_info.find({sal: {$lt: 40000}}).pretty()
    [
      {
        _id: ObjectId('6903465b4c7a650147cebea6'),
        teacher_id: 'gsm003',
        teacher_name: 'Seema',
        dept_name: 'IT',
        status: 'N',
        sal: 30000
      }
    ]
    college_db> db.teacher_info.find().count()
    3
    college_db> db.teacher_info.update(
    ...    {sal: {$gt: 25000}},
    ...    {$set: {dept_name: "ETC"}},
    ...    {multi: true}
    ... )
    DeprecationWarning: Collection.update() is deprecated. Use updateOne,
    updateMany, or bulkWrite.
    {
      acknowledged: true,
      insertedId: null,
      matchedCount: 3,
      modifiedCount: 3,
      upsertedCount: 0
    }
    college_db> db.teacher_info.update(
    ...    {status: "A"},
    ...    {$inc: {sal: 10000}},
    ...    {multi: true}
    ... )
    {
```

```
  acknowledged: true,
  insertedId: null,
  matchedCount: 2,
  modifiedCount: 2,
  upsertedCount: 0
}
college_db> db.teacher_info.remove({teacher_id: "gsm003"})
DeprecationWarning: Collection.remove() is deprecated. Use deleteOne,
deleteMany, findOneAndDelete, or bulkWrite.
{ acknowledged: true, deletedCount: 1 }
college_db>
```