

MongoDB Queries

```
1)db.students.find(  
  { department: "IT" },  
  { _id: 0, name: 1, cgpa: 1 }  
)
```

```
2) db.students.find(  
  { cgpa: { $gte: 8.5 } },  
  { _id: 0, name: 1, roll_no: 1, department: 1 }  
)
```

```
3) db.students.find(  
  { department: { $in: ["ECE", "ME"] } }  
)
```

```
4) db.students.find(  
  { year: 4, cgpa: { $gt: 8.0 } },  
  { _id: 0, name: 1, cgpa: 1 }  
)
```

```
5) db.students.find(  
  {  
    $and: [  
      { department: { $ne: "CSE" } },  
      { cgpa: { $lte: 7.5 } }  
    ]  
  }  
)
```

```
6) db.students.find().sort({ cgpa: -1 }).limit(3)
```

```
7) db.students.find().sort({ cgpa: -1 }).skip(3).limit(3)
```

```
8) db.students.updateMany(  
  { department: "CSE" },  
  { $inc: { cgpa: 0.2 } }  
)
```

```
9) db.students.updateMany(  
  { cgpa: { $lt: 7.0 } },  
  { $set: { department: "Probation" } }  
)
```

```
10) db.students.updateMany(  
  { department: "ME" },  
  { $unset: { email: "" } }  
)
```

```
11) db.students.updateMany(  
  {},  
  { $rename: { "cgpa": "gpa" } }  
)
```

```
12) db.students.replaceOne(  
  { roll_no: "CSE2104" },  
  {  
    roll_no: "CSE2104",  
    name: "Simran Kaur",  
    year: 3,  
    department: "CSE",  
    cgpa: 9.5,  
    email: "simran.new@univ.edu"
```

}

)