

## Practical MongoDB Questions :

Assignment solution:

Q1:

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

Q2:

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

Q3:

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

Q4:

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

Q5: `db.students.find({department : {$ne : "CSE"} , cgpa : {$lte : 7.5}} );`

Q6:

```
db.students.aggregate([{$sort : {cgpa : -1}}, {$limit : 3}])
```

Q7:

```
db.students.aggregate([{$sort : {cgpa : -1}}, {$skip:3}, {$limit : 3}])
```

Q8:

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

Q9:

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

Q10:

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

Q11:

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

Q12:

```
db.students.replaceOne({ roll_no: "CSE2104" }, { name: "Updated Student Name", roll_no: "CSE2104", department: "CSE", gpa: 8.9, email: "updated@example.com" });
```

