MONGODB Assignment-1

Query 1:

```
db.students.find({department:'IT'},{name:true,cgpa:true})
```

Query 2:

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

Query 3:

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

Query 4:

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

Query 5:

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

Query 6:

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

Query 7:

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

Query 8:

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

Query 9:

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

Query 10:

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

Query 11:

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

Query 12:

```
db.students.replaceOne( { roll_no: "CSE2104" },{ roll_no: "CSE2104", name: "Somya
Sharma", year: 3, department: "CSE", cgpa: 9, email: "somya.new@univ.edu" } )
```