

NAME : LALKESH RAJPUT

ROLL NO. : 2315001243

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: "LALKESH",

year: 3,

department: "CSE",

cgpa: 9,

email: "lalkesh.new@univ.edu"

}

)