

MONGODB Assignment 1 Solution

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: "CSE1764" }, {

roll_no: "CSE1764",

name: "rahul rawat",

year: 3,

department: "CSE",

cgpa: 8.5,

email: "rahul.new@univ.edu"

)