Chit No: 13 SPPU DBMS LAB Create a collection Student in MongoDB (stud\_id, stud\_name, dept\_name, marks) 1. Insert few documents in collection. 2. Find students having marks greater than 50. 3. Find students having marks between 50 and 80. 4. Find students having marks more than 60 from ‘Computer’ department. 5. Update marks of all students from ‘Civil’ department. Set marks to 30. (Use update ()) 6. Delete students from ‘Chemical’ department having marks less than 30.

db.createCollection('Student');

db.Student.insertMany([

{'Rno': 1, 'Name': 'Piyush', 'Dept': 'COMP', 'marks': 60},

{'Rno': 2, 'Name': 'Pradeep', 'Dept': 'CIVIL', 'marks': 45},

{'Rno': 3, 'Name': 'Abhi', 'Dept': 'AIDS', 'marks': 80},

{'Rno': 4, 'Name': 'Ashley', 'Dept': 'COMP', 'marks': 40},

{'Rno': 5, 'Name': 'Vipul', 'Dept': 'Chem', 'marks': 25},

{'Rno': 6, 'Name': 'Pooja', 'Dept': 'COMP', 'marks': 95},

{'Rno': 7, 'Name': 'Pawan', 'Dept': 'CIVIL', 'marks': 65},

{'Rno': 8, 'Name': 'Jitu', 'Dept': 'Chem', 'marks': 85}

]);

db.Student.find({"marks": { $gt: 50 }}).pretty();

db.Student.find({"marks": { $gt: 50, $lt: 80 }}).pretty();

db.Student.find({$and: [{"marks": { $gt: 60 }}, {"Dept": "COMP"}]}).pretty();

db.Student.updateMany({'Dept': 'CIVIL'}, {$set: {'marks': 30}});

db.Student.deleteOne({$and: [{"marks": { $lt: 30 }}, {"Dept": "Chem"}]});