MongoDB Lab – Day 3 (CRUD Operations)

Schema

{ roll_no, name, age, department, city, marks }

Initial Data

Roll No	Name	Age	Department	City	Marks
1	Amit	20	CSE	Kolkata	78
2	Neha	19	IT	Delhi	65
3	Ravi	21	CSE	Mumbai	82
4	Pooja	22	ECE	Chennai	70
5	Karan	20	IT	Kolkata	55

Database Name: collegeDB_`YourRollNo`
Collection Name: students_`YourRollNo`

Lab Questions

Q1. Display all student records from the collection.

Q2. Display only the name and department of all students.

Q3. Find students belonging to the CSE department.

Q4. Find students whose age is greater than 20.

Q5. Find students who scored less than 70 marks.

Q6. Display students belonging to Kolkata city.

Q7. Sort students by age in ascending order.

Q8. Sort students by marks in descending order.

Q9. Display only the first three student records.

Q10. Update the marks of student Neha to 72.

Q11. Increase the marks of all students by 5.

Q12. Delete the student having roll number 5.

Q13. Find students whose age is between 20 and 22.

Q14. Display students belonging to either CSE or IT department.