

MongoDB

Assignment 6

Create Institute Database and Create Student collection with following keys

1. Student Id
2. Student Name
3. Branch
4. Address: { Area, City, Pincode }
5. Subjects : [max 5 subjects
 { subject name:
 score:
 }
 { subject name:
 score:
 }]
6. Area of Interest : ["DSA", "TOC"]

* Enter Subject Names as : 1. DSA 2. TOC 3. WT 4. SAD 5. SAP

1. Create database Institute.
2. Create collection Students.
3. Insert 10 document with above mentioned structure.
4. Display all students information.
5. Update student branch from IT to Computer of studentid 3.
6. Add interest Robotics in studentid 5.
7. Add one subject name and its score for Student Id 3
8. Change City name from Madras to Chennai.(for all occurrences)
9. Remove record with student id 3.
10. Add new Key Hobbies with values
11. Create and Drop a temporary collection .
12. Apply Index on student id in ascending order
13. Apply unique index on studentid.
14. Display students staying in Pune city.
15. Display students staying in Pune or Mumbai City.
16. Display students with area of interest Robotics and MongoDB.
17. Display students with branch IT and area of interest.
18. Display students scored more than 60 marks in DSA.
19. Display students scored more than 60 marks in All subjects.
20. Display students having score greater than 50 and less than 70 in TOC.
21. Display score of students for DSA in ascending order.
22. Find out name of student starting with 'A'.
23. Find out name of student consists of 'Singh'.
24. Display Address of all students with studentid.