

20 MongoDB Tasks (Only Questions)

◇ Basic CRUD Operations

- 1 1 Insert a new student record into the database.
 - 2 2 Retrieve all student records from the collection.
 - 3 3 Find students who have scored more than 80 marks.
 - 4 4 Retrieve details of a specific student by name.
 - 5 5 Update a student's marks by increasing them by 5.
 - 6 6 Delete a student based on their roll number.
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◇ Aggregation Tasks

- 7 7 Calculate the total marks of all students.
 - 8 8 Find the average marks of students in class 10.
 - 9 9 Identify the student(s) with the highest marks.
 - 10 10 Find the student(s) with the lowest marks.
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◇ Projection & Conditional Queries

- 1 1 1 Display only the name and marks of students, excluding other details.
 - 1 2 2 Rename the `roll` field to `studentID` in the output.
 - 1 3 3 Add 10 bonus marks to each student and display the updated marks.
 - 1 4 4 Categorize students as **Pass** or **Fail** (Pass if marks ≥ 40).
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◇ Advanced Filtering & Sorting

- 1 5 5 Retrieve students who are 21 years or older.
 - 1 6 6 Find students whose marks are between 80 and 90.
 - 1 7 7 Sort students by their marks in descending order.
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◇ Counting & Limit

- 1 8 8 Count the total number of students in class 10.
- 1 9 9 Retrieve the top 3 students with the highest marks.
- 2 0 0 Identify any duplicate roll numbers in the collection.