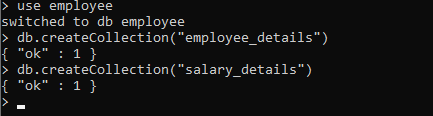
**PRACTICAL 9: DATA SCIENCE – MONGO DB**

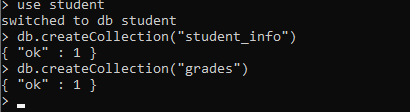
**Problem statement: Perform the following on some document database.**

1. **Create at least two collections**

* For Employee Database:

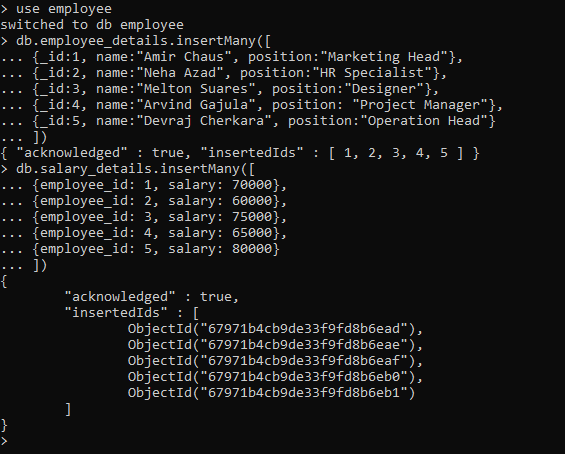


* For Student Database:

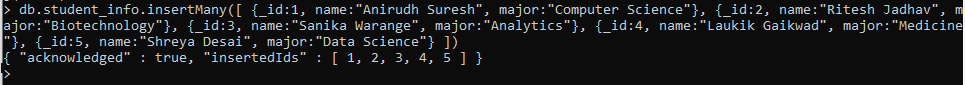


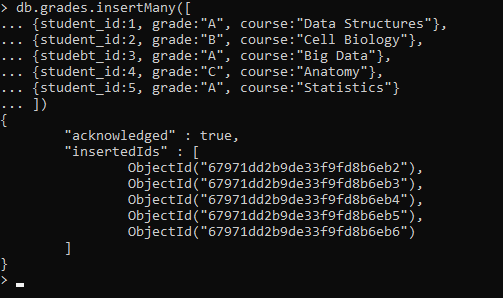
**2. Insert five records in each**

* For Employee Database:

****

* For Student Database:

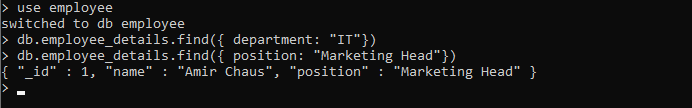
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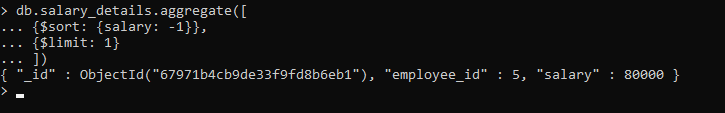
**3. Querying-filtering, join at least six queries**

* Filtering:

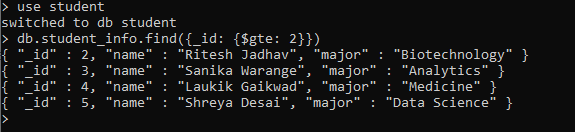
Query 1: Find all employees in the "Marketing" position:



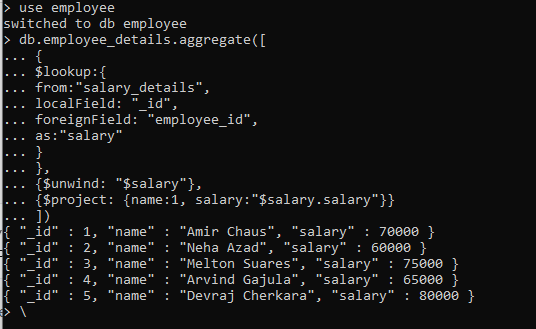
Query 2: Find the employee with the highest salary:



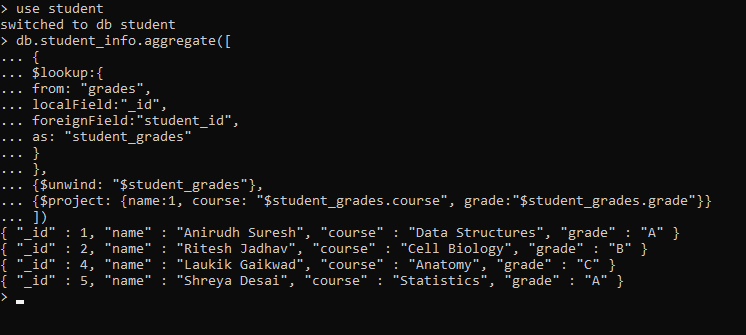
Query 3: Find all students id 2 or above:



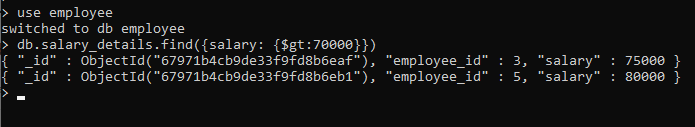
Query 4: Join employee\_details and salary\_details to find employee names and their salaries:



Query 5: Join student\_info and grades to find student names and their courses and grades:



Query 6: Find all employees with the salary greater than 70,000:



**4. Updating a record**

* Update employee’s salary (for employee with \_id = 3):

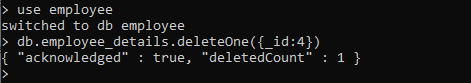


* Update student’s grade (for student with student\_id = 4):

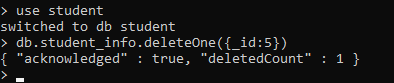


**5. Deleting a record**

* Delete an employee record (for employee with \_id = 4):

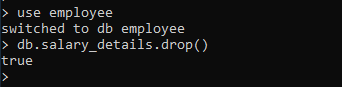


* Delete a student record (for student with \_id = 5):

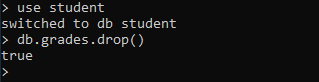


**6. Dropping collection and databases**

* Drop the salary\_details collection:



* Drop the grades collection:



* Drop the student database:

