**MongoDB Assignment 2**

1. Create a database named university and a collection named students. Insert multiple student documents with fields: name, age, department, and grades.

A computer screen shot of a computer program

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1. Write a query to display all students who are in the Computer Science department.

A computer screen shot of a code

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1. Write a query to update the grades of a student named Alice by adding a new subject programming with a grade of 93.

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1. Write a query to increment the age of all students by 1.

A screen shot of a computer

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1. Write a query to delete all students who are 23 years old.

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1. Write a query to create an index on the name field of the students collection.



1. Write an aggregation query to group students by their department and calculate the average age in each department.

A screen shot of a computer

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1. Write a query to find all students who have scored more than 90 in any subject.

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1. Write a query to add a new field graduated set to false for all students who are in the Mathematics department.

A screen shot of a computer

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1. How can you retrieve only the name and department fields for all students, excluding the \_id field?

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