Objective: Implement and demonstrate proficiency in MongoDB by creating, querying, and manipulating a database with specific criteria.

In-Class Assignment-3: MongoDB

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**Participation:** This assignment was done on a single laptop by both the group participants together.

1. Create a collection named 'products.'

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1. Add 10 product records to the 'products' collection, with each document having the following properties: name, category, price, rating, manufacturer, and release date. Ensure each document has a unique price.

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* Implement MongoDB queries corresponding to each task.

1. Retrieve details of all products in the collection.

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1. Find a product by name without using limit().

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1. Retrieve the 3rd most expensive products.

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1. Rename the field 'manufacturer' to 'ProductManufacturer.'

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1. Increase the price of electronics category products by 10%.

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1. Identify and list premium products with a rating greater than 4.

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K2. Add a new product to the 'products' collection with relevant details.

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1. Remove all products with a price less than $20.