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##### **UNIVERSITI TEKNIKAL MALAYSIA MELAKA**

**FAKULTI TEKNOLOGI DAN KEJURUTERAAN ELEKTRONIK DAN KOMPUTER**

**BERR 2243**

**DATABASE & CLOUD SYSTEM**

**SEM 2 2024/2025**

**EXERCISE : WEEK 2**

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| --- | --- | --- | --- |
| **No** | **Name** | **Matrix No** | **Photo** |
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| 2 | NUR AIN HIDAYAH BINTI ABDUL RAHIM | B122410323 |  |

1. **GitHub Repository**: <https://github.com/anishafifza>
2. **Screenshots of:**

* **Document in MongoDB Compass**

A screenshot of a computer

AI-generated content may be incorrect.

**Exercise Questions**

Answer:

1. Explain what is CRUD operations and how it is relates to the mongo functions in the exercise.

**Create – C**

Inserting new documents into a collection.

**A screen shot of a computer

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**Read – R**

Querying / fetching documents from a collection.

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**Update – U**

Modifying existing documents.

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**Delete – D**

Removing documents from a collection.

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2. Identify all the mongo operators used in the exercise, then explain the usage for each.

**$gte (Greater Than or Equal to)**:  
Used in the find() query to get all drivers whose rating is 4.5 or higher

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**$inc (Increment Operator)**:   
Used in the updateOne() function to increase John Doe’s rating by 0.1.

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1. Replace the mongo functions in Task 5 to updateMany instead of updateOne, compare the diFerence based on the result in console and the mongo compass.

Before :

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After :

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4. Replace the mongo functions in Task 6 to deleteMany instead of deleteOne, compare the difference based on the result in console and the mongo compass.

Before :

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After :

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