

Clarusway



## Backend Teamwork -4-

# Teamwork

Subject: ORM & Sequelize

## Teamwork

Subject:

### Learning Goals

- Being able to perform db operation with js codes.

### Introduction

We performed operations on relational databases with SQL. Now let's do a study to perform similar operations via js codes.

### Lets start

Write mongoDB statements corresponding to the SQL statements given below.

1.

```
SELECT *  
FROM people
```

2.

```
SELECT id,  
       user_id,  
       status  
FROM people
```

3.

```
SELECT user_id, status  
FROM people
```

4.

```
SELECT *  
FROM people  
WHERE status = "A"
```

5.

```
SELECT user_id, status  
FROM people  
WHERE status = "A"
```

6.

```
SELECT *  
FROM people  
WHERE status != "A"
```

7.

```
SELECT *  
FROM people  
WHERE status = "A"  
AND age = 50
```

8.

```
SELECT *  
FROM people  
WHERE status = "A"  
OR age = 50
```

9.

```
SELECT *  
FROM people  
WHERE age > 25
```

10.

```
SELECT *  
FROM people  
WHERE age < 25
```

11.

```
SELECT *  
FROM people  
WHERE age > 25  
AND age <= 50
```

12.

```
SELECT *  
FROM people  
WHERE user_id like "%bc%"
```

13.

```
SELECT *  
FROM people  
WHERE status = "A"  
ORDER BY user_id ASC
```

14.

```
SELECT *  
FROM people  
WHERE status = "A"  
ORDER BY user_id DESC
```

15.

```
SELECT COUNT(*)  
FROM people
```

16.

```
SELECT COUNT(user_id)  
FROM people
```

17.

```
SELECT COUNT(*)  
FROM people  
WHERE age > 30
```

18.

```
SELECT DISTINCT(status)  
FROM people
```

19.

```
SELECT *  
FROM people  
LIMIT 1
```

20.

```
SELECT *  
FROM people  
LIMIT 5  
SKIP 10
```

21.

```
CREATE TABLE people (  
  id MEDIUMINT NOT NULL  
    AUTO_INCREMENT,  
  user_id VARCHAR(30),  
  age NUMBER,  
  status CHAR(1),  
  PRIMARY KEY (id)  
)
```

22.

```
ALTER TABLE people  
ADD join_date DATETIME
```

23.

```
DROP TABLE people
```

24.

```
INSERT INTO people(user_id,age,status)  
VALUES ("bcd001",45,"A")
```

25.

```
UPDATE people
SET status = "C"
WHERE age > 25
```

26.

```
UPDATE people
SET age = age + 3
WHERE status = "A"
```

27.

```
DELETE FROM people
WHERE status = "D"
```

28.

```
DELETE FROM people
```

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😊 Thanks for Attending 🙌