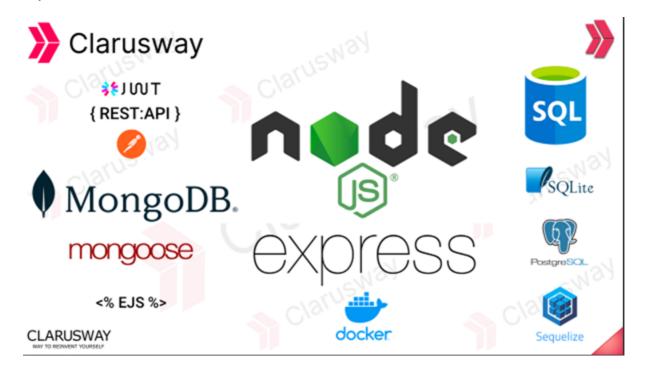Clarusway

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.

```sql
SELECT *
FROM people
```

2.

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

3.

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

4.

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

5.

```sql
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.

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

12.

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

13.

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

14.

```sql
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
```

☺ **Thanks for Attending** ✍

Clarusway   »