ASSIGNMENT 2

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```
[mysql> CREATE DATABASE smartbridge;
 Query OK, 1 row affected (0.00 sec)

[mysql> show tables;
 ERROR 1046 (3D000): No database selected
[mysql> use smartbridge;
 Database changed
[mysql> show tables;
 Empty set (0.01 sec)
```

```
mysql> CREATE TABLE users (
    ->      id INT PRIMARY KEY,
    ->      name VARCHAR(50),
    ->      email VARCHAR(100)
[   -> );
 Query OK, 0 rows affected (0.01 sec)
```

```
INSERT INTO users (id, name, email)' at line 1
mysql> INSERT INTO users (id, name, email)
[   -> VALUES (1, 'Deepjyoti Koley', 'deep@gmail.com');
 Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM users;
+----+------------+------------------+
| id | name       | email            |
+----+------------+------------------+
|  1 | Jane Smith | jane@example.com |
+----+------------+------------------+
1 row in set (0.00 sec)
```

```
mysql> DELETE FROM users
[   -> WHERE id = 1;
 Query OK, 1 row affected (0.00 sec)
```

```
mysql> CREATE TABLE orders (
    ->    id INT PRIMARY KEY,
    ->    user_id INT,
    ->    order_date DATE,
    ->    total_amount DECIMAL(10, 2),
    ->    FOREIGN KEY (user_id) REFERENCES users(id)
    -> );
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> INSERT INTO users (id, name, email)
    -> VALUES (1, 'John Doe', 'john@example.com'),
    ->        (2, 'Jane Smith', 'jane@example.com');
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> INSERT INTO orders (id, user_id, order_date, total_amount)
    -> VALUES (1, 1, '2023-05-01', 100.00),
    ->        (2, 2, '2023-05-02', 50.00),
    ->        (3, 1, '2023-05-03', 75.00);
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

```
mysql> SELECT users.name, orders.order_date, orders.total_amount
    -> FROM users
    -> INNER JOIN orders ON users.id = orders.user_id;
+------------+------------+--------------+
| name       | order_date | total_amount |
+------------+------------+--------------+
| John Doe   | 2023-05-01 |       100.00 |
| John Doe   | 2023-05-03 |        75.00 |
| Jane Smith | 2023-05-02 |        50.00 |
+------------+------------+--------------+
3 rows in set (0.00 sec)
```

localhost:27017 ···

Documents
test.users

{} My Queries

Databases

Search

▾ admin
▾ config
▾ local
   startup_log
▾ smartbridge
   user
▾ test
   users ···

test.users

Documents | Aggregations | Schema | Explain Plan | Indexes | Validation

Filter ⊙ ▾   Type a query: { field: 'value' }

⊕ ADD DATA ▾   **EXPORT DATA** ▾

```
_id: ObjectId('64737a9796fe7011b32bea8a')
name: "John Doe"
email: "john@example.com"
```

>_MONGOSH

```
> db.users.insertOne({ name: "John Doe", email: "john@example.com" });
< {
    acknowledged: true,
    insertedId: ObjectId("64737a9796fe7011b32bea8a")
  }
```

---

localhost:27017 ···

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test.users

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test.users

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Filter ⊙ ▾   {name: 'John Doe'}

⊕ ADD DATA ▾   **EXPORT DATA** ▾

```
_id: ObjectId('64737a9796fe7011b32bea8a')
name: "John Doe"
email: "changed@example.com"
```

>_MONGOSH

```
> db.users.updateOne(
    { name: "John Doe" },
    { $set: { email: "changed@example.com" } }
);
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
  }
test >
```

My Queries

Databases

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  - **users**   ...

test.users

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Filter 🔗 🕐 ▾   {name: 'John Doe'}

⊕ ADD DATA ▾   ⤤ EXPORT DATA ▾

Try modif

```
>_MONGOSH
> db.users.deleteOne({ name: "John Doe" });
< {
    acknowledged: true,
    deletedCount: 1
  }
test >
```