

Week-2 Assignment

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1. Create, Update, delete Commands in mysql.

CREATE Command:

The CREATE command is used to create a new database, table, or other database objects.

Screenshot:

```
mysql> CREATE TABLE Student(  
  -> Rollno VARCHAR(10) NOT NULL,  
  -> SName VARCHAR(30),  
  -> Sex VARCHAR(7),  
  -> Branch_code VARCHAR(10),  
  -> Branch_name VARCHAR(15),  
  -> Deptno NUMERIC(5),  
  -> Address VARCHAR(30));  
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> CREATE TABLE Faculty(  
  -> Fid NUMERIC(5),  
  -> FName VARCHAR(30),  
  -> Deptno NUMERIC(5),  
  -> Designation VARCHAR(20),  
  -> Salary NUMERIC(13),  
  -> Mobile_No VARCHAR(12),  
  -> Ccode VARCHAR(5));  
Query OK, 0 rows affected (0.03 sec)
```

Update Command:

```
mysql> UPDATE FACULTY  
  -> SET Fid = 6 WHERE FName = 'Dr_Anand';  
Query OK, 1 row affected (0.01 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

Delete Command:

```
DELETE FROM employees  
WHERE salary < 2000;
```

2. Create tables and use joins in mysql

```
CREATE TABLE customers (  
  id INT PRIMARY KEY,  
  name VARCHAR(50),  
  email VARCHAR(50)  
);  
  
-- Create a table for storing orders  
CREATE TABLE orders (  
  id INT PRIMARY KEY,  
  customer_id INT,  
  order_date DATE,  
  total_amount DECIMAL(10, 2),  
  FOREIGN KEY (customer_id) REFERENCES customers(id)  
);
```

```
SELECT customers.id, customers.name, orders.order_date, orders.total_amou  
FROM customers  
JOIN orders ON customers.id = orders.customer_id;
```

3.Mongodb

Use create, update, delete commands in mongo dB.

```
test> use tarun  
switched to db tarun  
tarun> db.users.insertOne({ name: "John Doe", age: 30, email: "johndoe@example.com" });  
{  
  acknowledged: true,  
  insertedId: ObjectId("64735065c87ce4b9716dd7d8")  
}  
tarun> db.users.updateOne({ name: "John Doe" }, { $set: { age: 31 } });  
{  
  acknowledged: true,  
  insertedId: null,  
  matchedCount: 1,  
  modifiedCount: 1,  
  upsertedCount: 0  
}  
tarun> db.users.deleteOne({ name: "John Doe" });  
{ acknowledged: true, deletedCount: 1 }  
tarun> |
```