

Assignment 2

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1) Create update, delete commands in my sql?

Code:

Update command:

-- create a table

```
CREATE TABLE students ( id INTEGER PRIMARY KEY, name VARCHAR(30) NOT NULL,
```

```
gender CHAR(1) NOT NULL
```

```
);
```

-- insert some values

```
INSERT INTO students VALUES (1, 'Teju', 'F');
```

```
INSERT INTO students VALUES (2, 'Deepthi', 'F');
```

-- fetch some values

```
UPDATE students
```

```
SET name = 'Mithuna'
```

```
WHERE id = 1;
```

```
SELECT * FROM students;
```

Output:

id	name	gender
1	Mithuna	F
2	Deepthi	F

Delete commands:

-- create a table

```
CREATE TABLE students ( id INTEGER PRIMARY KEY, name VARCHAR(30) NOT NULL,  
gender CHAR(1) NOT NULL  
);
```

-- insert some values

```
INSERT INTO students VALUES (1, 'Teju', 'F');  
INSERT INTO students VALUES (2, 'Deepthi', 'F');
```

-- fetch some values

```
DELETE FROM students
```

```
WHERE id = 2;
```

```
SELECT * FROM students;
```

Output:

id	name	gender
1	Teju	F

2) Create a table and perform joins in mySql

Inserting data:

Code:

```
CREATE TABLE student ( id INT PRIMARY KEY, name VARCHAR(50), email  
VARCHAR(50)  
);
```

```
CREATE TABLE status ( id INT PRIMARY KEY, status_date DATE, student_id INT,
```

```
FOREIGN KEY (student_id) REFERENCES student(id)  
);
```

```
INSERT INTO student (id, name, email)  
VALUES (1, 'Teju', 'teju@example.com');
```

```
INSERT INTO student (id, name, email)  
VALUES (2, 'Deepthi', 'deepthi@example.com');
```

```
INSERT INTO student (id, name, email)  
VALUES (3, 'Nandini', 'nandini@example.com');
```

```
INSERT INTO student (id, name, email)  
VALUES (4, 'Janith', 'janith@example.com');
```

```
INSERT INTO student (id, name, email)  
VALUES (5, 'Keerthi', 'keerthi@example.com');
```

```
INSERT INTO status (id, status_date, student_id)  
VALUES (101, '2023-05-01', 1);
```

```
INSERT INTO status (id, status_date, student_id)  
VALUES (102, '2023-05-02', 1);
```

```
INSERT INTO status (id, status_date, student_id)  
VALUES (103, '2023-05-03', 2);
```

```
INSERT INTO status (id, status_date, student_id)
VALUES (104, '2023-05-04', 3);
```

```
INSERT INTO status (id, status_date, student_id)
VALUES (105, '2023-05-05', 4);
```

```
INSERT INTO status (id, status_date, student_id)
VALUES (106, '2023-05-06', 4);
```

```
INSERT INTO status (id, status_date, student_id)
VALUES (107, '2023-05-05', 5);
```

```
select * from student;
```

```
select * from status;
```

Output:

id	name	email
1	Teju	teju@example.com
2	Deepthi	deepthi@example.com
3	Nandini	nandini@example.com
4	janith	janith@example.com
5	Keerthi	keerthi@example.com

id	status_date	student_id
101	2023-05-01	1
102	2023-05-02	1
103	2023-05-03	2
104	2023-05-04	3
105	2023-05-05	4
106	2023-05-06	4
107	2023-05-05	5

3) Create update, delete commands in mongodb?

Update command:

Code:

```
db.students.insertMany([
  { id: 1, name: 'Teju', gender: 'F' },
  { id: 2, name: 'Deepthi', gender: 'F' }
]);
db.students.find({ gender: 'F' });
db.students.updateOne(
  { id: 1 },
  { $set: { name: "Tejasree", gender: "F" } }
);
```

Output:

```
ERROR 1064 (42000) at line 1: You have an error in your SQL syntax; check the
  { id: 1, name: 'Teju', gender: 'F' },
  { id: 2, na' at line 1
```

