**DAY -2**

**MYSQL TASK**

**My schema :-**

-- Create the Users table

CREATE TABLE Students (

id INT PRIMARY KEY,

student\_name VARCHAR(255),

email\_id VARCHAR(255),

password VARCHAR(255),

batch\_id INT,

FOREIGN KEY (batch\_id) references Batch\_data(id)

);

describe Students;

-- Student values are added

INSERT INTO Students (id, student\_name, email\_id, batch\_id, password)

VALUES

(101, 'Krishnan', 'krish@example.com', 201, 'cool100'),

(102, 'Gopi', 'boxish@example.com', 202, 'secret433'),

(103, 'Bharu', 'bharu@example.com', 201, 'maintain433'),

(104, 'Boxieee', 'bowl@example.com',201, 'bowl433'),

(105, 'Bagya', 'bbw@example.com', 202, 'box433'),

(106, 'Lakshmi', 'water@example.com',201, 'bbw433');

Drop table Students;

describe Students;

CREATE TABLE Batch\_data (

id INT PRIMARY KEY,

batch\_name VARCHAR(255),

start\_date DATE,

end\_date DATE

);

-- BAtch data values are added

INSERT INTO Batch\_data(id, batch\_name, start\_date, end\_date)

VALUES

(201, 'Spring 2024', '2024-03-01', '2024-06-30'),

(202, 'Fall 2024', '2024-09-01', '2024-12-15');

describe Batch\_data;

CREATE TABLE tasks (

id INT PRIMARY KEY,

student\_id INT,

FOREIGN KEY (Student\_id) references Students(id),

task\_name VARCHAR(255),

description TEXT

);

-- Tasks data values are added

INSERT INTO tasks (id, student\_id, task\_name, description)

VALUES

(401, 101, 'Build Login Page', 'Create a login form using React.'),

(402, 102, 'Fetch Data', 'Retrieve data from an API and display it.'),

(403, 103, 'Database', 'Create a simple database'),

(404, 104, 'Table', 'Create a table using HTML,CSS'),

(405, 105, 'Form', 'Create a form using HTML,CSS,bootstrap'),

(406, 106, 'Todo-List', 'Create a form using Todo-List');

CREATE TABLE attendance (

id INT PRIMARY KEY,

batch\_id INT,

FOREIGN KEY (batch\_id) references Batch\_data(id),

student\_id INT,

FOREIGN KEY (Student\_id) references Students(id),

date\_of\_attendance DATE,

status VARCHAR(255)

);

-- Insert sample data into the attendance table

INSERT INTO attendance (id, student\_id, batch\_id, date\_of\_attendance, status)

VALUES

(1, 101, 201, '2024-07-10', 'Present'),

(2, 102, 202, '2024-07-10', 'Absent'),

(3, 103, 202, '2024-07-10', 'Present'),

(4, 104, 201, '2024-07-10', 'Present');

CREATE TABLE mentors (

id INT PRIMARY KEY,

mentor\_name VARCHAR(255),

email\_id VARCHAR(255),

batch\_id INT,

FOREIGN KEY (batch\_id) references Batch\_data(id),

password VARCHAR(255)

);

-- Mentors values are added

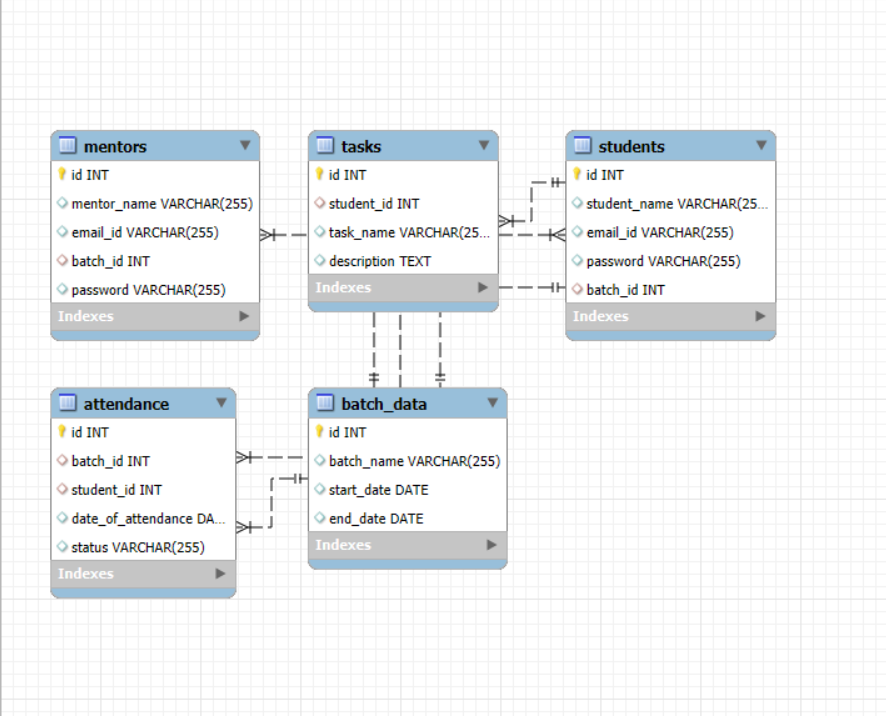
INSERT INTO mentors (id, mentor\_name, email\_id,batch\_id, password)

VALUES

(301, 'Lakshmi', 'lakshu@example.com', 201, 'hello@433'),

(302, 'Bharathi', 'boxieee@example.com', 202, 'greetings@433');

**Result :-**

****