**MY SQL TASK2**



**create database Task2;**

**use Task2;**

**CREATE TABLE users (**

**userid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**username VARCHAR(100),**

**useremail VARCHAR(100),**

**batchid INTEGER**

**);**

**INSERT INTO users(username, useremail, batchid) VALUES**

**("Karthick", "Karthick@gmail.com", 50),**

**("Charlie", "Charlie@gmail.com", 09),**

**("dany", "dany@gmail.com", 60),**

**("Manoj", "manoj@gmail.com", 51);**

**CREATE TABLE codekata (**

**userid INTEGER,**

**number\_of\_problems\_solved INTEGER,**

**FOREIGN KEY (userid) REFERENCES users(userid)**

**);**

**INSERT INTO codekata(userid, number\_of\_problems\_solved) VALUES**

**(1, 98),**

**(2, 99),**

**(3, 98),**

**(4, 96);**

**CREATE TABLE company\_drives (**

**driveid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**userid INTEGER,**

**drive\_date DATE,**

**company VARCHAR(100),**

**FOREIGN KEY (userid) REFERENCES users(userid)**

**);**

**INSERT INTO company\_drives(userid, drive\_date, company) VALUES**

**(2, "2024-01-05", "Apple"),**

**(3, "2024-05-19", "Amazon"),**

**(4, "2024-06-29", "Zomato"),**

**(1, "2024-09-01", "Flipkart");**

**CREATE TABLE mentors (**

**mentorid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**mentorname VARCHAR(100),**

**mentoremail VARCHAR(100)**

**);**

**INSERT INTO mentors(mentorname, mentoremail) VALUES**

**("Naga", "naga@gmail.com"),**

**("Arul", "Arul@gmail.com"),**

**("Kio", "kio@gmail.com"),**

**("jana", "jana@gmail.com");**

**CREATE TABLE topics (**

**topicid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**topic VARCHAR(200),**

**topic\_date DATE,**

**mentorid INTEGER,**

**batchid INTEGER,**

**FOREIGN KEY (mentorid) REFERENCES mentors(mentorid)**

**);**

**INSERT INTO topics(topic, topic\_date, mentorid, batchid) VALUES**

**("HTML - Basics", "2020-04-01", 1, 50),**

**("NodeJS - Basics", "2020-06-03", 2, 09),**

**("JavaScript - Basics", "2020-07-05", 3, 60),**

**("React - Basics", "2020-08-06", 4, 51);**

**CREATE TABLE tasks (**

**taskid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**topicid INTEGER,**

**task VARCHAR(1000),**

**batchid INTEGER,**

**FOREIGN KEY (topicid) REFERENCES topics(topicid)**

**);**

**INSERT INTO tasks(topicid, task, batchid) VALUES**

**(1, "HTML Task", 50),**

**(2, "Javascript Task", 09),**

**(3, "React Task", 60),**

**(4, "NodeJs Task", 51);**

**CREATE TABLE attendance (**

**attendanceid INTEGER AUTO\_INCREMENT PRIMARY KEY,**

**userid INTEGER,**

**topicsid INTEGER,**

**attended BOOLEAN,**

**FOREIGN KEY (userid) REFERENCES users(userid),**

**FOREIGN KEY (topicsid) REFERENCES topics(topicid)**

**);**

**INSERT INTO attendance(userid, topicsid, attended) VALUES**

**(2, 3, true),**

**(4, 1, true),**

**(1, 2, false),**

**(3, 4, true);**

**EFR DIAGRAM**

