**Design DB model for Guvi Zen class**

use zen;

**# Users**

CREATE TABLE users(userid INTEGER AUTO\_INCREMENT PRIMARY KEY,username VARCHAR(100),useremail VARCHAR(100),batchid INTEGER);

INSERT INTO users(username,useremail,batchid) VALUES("Ajith","Ajith@gmail.com",27),

("Gokul","Gokul@gmail.com",26),

("Pradeep","Pradeep@gmail.com",27),

("Hari","Hari@gmail.com",26),

("NK","nk@gmail.com",27);

**# Codekata**

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(1,50),(2,80),(3,20),(4,40),(5,75);

**# Company drives**

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,"2020-04-18","Apple"),

(5,"2020-01-10","TCS"),

(3,"2020-12-01","Amazon"),

(4,"2020-02-11","Zomato"),

(1,"2020-05-03","Flipkart");

**# Mentors**

CREATE TABLE mentors(mentorid INTEGER AUTO\_INCREMENT PRIMARY KEY,mentorname VARCHAR(100),

mentoremail VARCHAR(100));

INSERT INTO mentors(mentorname,mentoremail) VALUES ("Arun","Arun12@gmail.com"),

("Vijay","Vijay34@gmail.com"),

("Karthi","Karthi56@gmail.com"),

("Mahesh","Mahesh78@gmail.com"),

("Gokul","Gokul90@gmail.com");

**# Topic**

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","2020-04-1",1,27),

("CSS - Basics","2020-05-2",2,27),

("NodeJS - Basics","2020-06-3",3,27),

("JavaScript - Basics","2020-07-5",4,26),

("React - Basics","2020-08-6",5,26);

**# Tasks**

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",27),

(2,"Javascript Task",27),

(3,"React Task",26),

(4,"NodeJs Task",26),

(5,"AWS Task",27),;

**# Attendance**

CREATE TABLE attendance(attendanceid INTEGER AUTO\_INCREMENT PRIMARY KEY, userid INTEGER,

courseid INTEGER ,topicsid INTEGER, attended BOOLEAN,

FOREIGN KEY (userid) REFERENCES users(userid),

FOREIGN KEY (topicsid) REFERENCES topics(topicsid),

FOREIGN KEY (courseid) REFERENCES courses(courseid));

INSERT INTO attendance(userid,courseid,topicsid,attended) VALUES(2,5,5,true),

(5,1,1,true)

(1,3,3,false)

(3,4,4,ture)

(4,2,2,true);

**# Query**

CREATE TABLE queries(queryid INTEGER AUTO\_INCREMENT PRIMARY KEY , userid INTEGER,

querybody VARCHAR(1000),mentorid INTEGER,

FOREIGN KEY (userid) REFERENCES users(userid),FOREIGN KEY (mentorid) REFERENCES mentors(mentorid))

INSERT INTO queries(userid,querybody,mentorid) VALUES(1,"query about HTML",1),

(3,"query about Javascript",5),

(2,"query about React",4),

(5,"query about AWS",3),

(4,"query about DS",2);