CREATE DATABASE guvi;  
use guvi;  
  
 **'''1)CREATE,2)INSERT VALUES'''**  
CREATE TABLE users(user\_id INT(3),user\_name varchar(50),user\_emai\_id varchar(50));  
  
INSERT INTO users(user\_id,user\_name,user\_emai\_id) VALUES  
(1,"Elakia","[elakia@gmail.com](mailto:elakia@gmail.com)"),  
(2,"Ajith","[ajith@gmail.com](mailto:ajith@gmail.com)"),  
(3,"Sara","[sara@gmail.com](mailto:sara@gmail.com)"),  
(4,"kags","[kags@gmail.com](mailto:kags@gmail.com)"),  
(5,"Vis","[vis@gmail.com](mailto:vis@gmail.com)");  
  
ALTER TABLE users ADD PRIMARY KEY(user\_id);  
  
SELECT \* FROM users;  
  
CREATE TABLE codekata(user\_id INT(3),no\_of\_problems\_solved INT);  
  
INSERT INTO codekata(user\_id,no\_of\_problems\_solved) VALUES  
(2,150),  
(3,168),  
(1,190),  
(5,180),  
(6,160);  
  
ALTER TABLE codekata ADD PRIMARY KEY(user\_id);  
  
  
SELECT \* FROM codekata;  
  
CREATE TABLE attendance(user\_id INT(3),no\_of\_classes\_attended INT,no\_of\_classes\_not\_attended INT);  
  
INSERT INTO attendance(user\_id,no\_of\_classes\_attended,no\_of\_classes\_not\_attended) VALUES  
(1,98,2),  
(3,95,5),  
(4,99,1),  
(5,100,0),  
(6,97,3);  
  
SELECT \* FROM attendance;  
  
CREATE TABLE topics(taught\_date varchar(25),topic\_name varchar(25));  
  
INSERT INTO topics(taught\_date,topic\_name) VALUES  
("25-10-2021","react.js"),  
("26-10-2021","node.js"),  
("27-10-2021","mongo db"),  
("1-11-2021","node.js");  
  
SELECT \* FROM topics;  
  
CREATE TABLE tasks(topic\_name varchar(25),task\_name varchar(25));  
  
INSERT INTO tasks(topic\_name,task\_name) VALUES  
("node.js","API"),  
("react.js","pricing-table"),  
("react.js","CRUD operations"),  
("mysql","basic operations"),  
("mongo db","basic operations");  
  
SELECT \* FROM tasks;  
  
CREATE TABLE company\_drives(user\_id INT,no\_of\_drives\_attended INT,placed boolean);  
  
INSERT INTO company\_drives(user\_id,no\_of\_drives\_attended,placed) VALUES  
(1,3,true),  
(2,4,false),  
(3,2,true),  
(4,7,false),  
(5,1,true);  
  
SELECT \* FROM company\_drives;  
  
CREATE TABLE mentors(mentor\_id INT,mentor\_name varchar(25),mentor\_email\_id varchar(50),assigned\_students INT);  
  
INSERT INTO mentors(mentor\_id,mentor\_name,mentor\_email\_id,assigned\_students) VALUES  
(21,"Jon","[jon@gmail.com](mailto:jon@gmail.com)",25),  
(22,"fred","[fred@gmail.com](mailto:fred@gmail.com)",45),  
(23,"paul","[paul@gmail.com](mailto:paul@gmail.com)",70),  
(35,"emaira","[emaira@gmail.com](mailto:emaira@gmail.com)",34),  
(56,"ken","[ken@gmail.com](mailto:ken@gmail.com)",50),  
(89,"dwen","[dwen@gmail.com](mailto:dwen@gmail.com)",45);  
  
SELECT \* FROM mentors;  
  
CREATE TABLE students\_activated\_courses(student\_id INT,course\_id INT,course\_name VARCHAR(50));  
  
INSERT INTO students\_activated\_courses(student\_id,course\_id,course\_name) VALUES  
(1,111,"HTML"),  
(2,222,"CSS"),  
(3,111,"HTML"),  
(4,333,"Javascript"),  
(5,111,"HTML"),  
(1,222,"CSS"),  
(1,333,"Javascript"),  
(5,333,"Javascript"),  
(3,444,"React"),  
(3,222,"CSS");  
  
SELECT \* FROM students\_activated\_courses;    
  
CREATE TABLE courses(course\_id INT,course\_name varchar(25));  
  
INSERT INTO courses(course\_id,course\_name) VALUES  
(111,"HTML"),  
(222,"CSS"),  
(333,"Javascript"),  
(444,"React"),  
(555,"MYSQL");  
  
SELECT \* FROM courses;  
 **''' 3)GET NNUMBER OF PROBLEMS SOLVED IN CODEKATA BY COMBINING THE USERS'''**SELECT users.user\_id,users.user\_name,codekata.no\_of\_problems\_solved  
FROM users  
JOIN codekata  
ON users.user\_id=codekata.user\_id;  
  
 **'''4)DISPLAY THE NO OF COMPANY DRIVES ATTENDED BY A USER'''**SELECT user\_id,no\_of\_drives\_attended from company\_drives;  
  
 **'''5)COMBINE AND DISPLAY STUDENTS\_ACTIVATED\_COURSES AND COURSES FOR A SPECIFIC USER GROUPING BASED ON COURSE'''**  
  
SELECT s.student\_id,c.course\_id,c.course\_name  
FROM students\_activated\_courses s  
JOIN courses c  
ON s.course\_id=c.course\_id  
GROUP BY s.student\_id  
HAVING s.student\_id=1;  
  
 **'''6)LIST ALL THE MENTORS'''**SELECT \* FROM mentors;  
  
 **'''7)LIST THE NO OF STUDENTS THAT ARE ASSIGNED TO THE MENTOR'''**                 
SELECT mentor\_name,assigned\_students FROM mentors;