The Following are the tables has to be in your database & model deisgn: users codekata attendance topics tasks company\_drives mentors students\_activated\_courses courses

1.Create tables for the above list given

Ans:CREATE TABLE Data(users varchar(45),codekata integer,attendance integer,topics integer,tasks integer,company\_drives integer,mentors varchar(45), students\_activated\_courses integer,courses varchar(45));

2.insert at least 5 rows of values in each table

Ans:INSERT INTO Data (users,codekata,attendance,topics,tasks,company\_drives,mentors,students\_activated\_courses,courses) VALUES ("Chokkalingam.S",50,30,30,12,0,"RagavKumar",1,"Fullstack Developer"), ("Aravind.S",100,30,30,15,0,"SaiMohan",1,"Fullstack Developer"), ("Karthick.K",150,30,30,15,0,"Lavish",1,"DataScientist"), ("Franklin.D",200,30,30,15,0,"SaiMohan",1,"Fullstack Developer"), ("Manoharan",170,30,30,15,0,"Lavish",1,"Ethical Hacking");

<img src="https://i.imgur.com/S7gvoJb.png">

3.get number problems solved in codekata by combining the users

Ans:SELECT sum(codekata) as Total\_solved\_codekata FROM data

<img src="https://i.imgur.com/x0QCBgU.png">

4.display the no of company drives attended by a user

Ans:SELECT users,company\_drives FROM data

<img src="https://i.imgur.com/FanDNst.png">

5.combine and display students\_activated\_courses and courses for a specific user groping them based on the course

Ans:SELECT courses,count(courses) as users,students\_activated\_courses FROM data GROUP BY courses ORDER BY courses desc

<img src="https://i.imgur.com/l38kJO5.png">

6.list all the mentors

Ans:SELECT mentors FROM data

<img src="https://i.imgur.com/9atBGGX.png">

7.list the number of students that are assigned for a mentor

Ans: SELECT mentors,count(users) as students FROM data GROUP BY mentors ORDER BY students

<img src="https://i.imgur.com/hNqCe8u.png">