**MySQL Tasks:**

The Following are the tables has to be in your database & model deisgn:

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| Users  codekata |
| attendance |
| topics |
| tasks |
| company\_drives |
| mentors |
| students\_activated\_courses |
| courses |

The following are the queries need to be executed:

1. Create tables for the above list given

Sol: CREATE TABLE Students

(

Users varchar(255),

Codekata int,

Attendance int,

Topics varchar(255),

Tasks int,

Company\_Drives int,

Mentors varchar(255),

Students\_Activated\_Courses int,

Courses varchar(255)

);

1. Insert at least 5 rows of values in each table

Sol: INSERT INTO Students (Users, Codekata, Attendance, Topics, Tasks, Company\_Drives, Mentors, Students\_Activated\_Courses, Courses) VALUES ('Vijay', 89, 85, 'DOM & HTML', 15, 3, 'Akbar', 4, 'Web Development'), ('Haritha', 95, 89, 'HTML, CSS & Bootstrap', 18, 5, 'Sai Mohan', 8, ' Web Development '), ('Vaishnavi', 100, 95, 'Python & Maching Learning', 19, 2, 'Ragav Kumar', 5, 'Data Science'), ('Santhosh', 78, 82, 'AWS, MySQL & MongoDB', 11, 6, 'Akbar', 7, 'Data Science'), ('John', 97, 90, 'React & Node Js', 20, 4, 'Sai Mohan', 9, ' Web Development ');

1. Get number problems solved in codekata by combining the users

Sol: SELECT sum(Codekata) from Students;

1. Display the no of company drives attended by a user:

Sol: SELECT Users, Company\_Drives FROM Students;

1. Combine and display students\_activated\_courses and courses for a specific user groping them based on the course:

Sol: SELECT Students\_Activated\_Courses, Courses, Users FROM Students ORDER BY Courses;

1. List all the mentors:

Sol: SELECT DISTINCT Mentors FROM Students;

1. List the number of students that are assigned for a mentor:

Sol: SELECT Mentors, count(Users) FROM Students group by Mentors;

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