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| 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 |
|  |  |
|  | The following are the queries need to be executed |
|  |  |
|  | 1. Create tables for the above list given |
|  | 2. insert at least 5 rows of values in each table |
|  | 3. get number problems solved in codekata by combining the users |
|  | 4. display the no of company drives attended by a user |
|  | 5. combine and display students\_activated\_courses and courses for a specific user groping them based on the course |
|  | 6. list all the mentors |
|  | 7. list the number of students that are assigned for a mentor |

CREATE DATABASE seema;  
use seema;

1. **Create tables for the above list given**

CREATE TABLE users (student\_id varchar(45), student\_name varchar(45), student\_email varchar(40));

CREATE TABLE codekata (student\_id varchar(45), prob\_solved varchar(45));

CREATE TABLE attendance (student\_id varchar(45), attendance varchar(45));

CREATE TABLE topics (student\_id varchar(45), topics varchar(45));

CREATE TABLE tasks (student\_id varchar(45), task\_done varchar(45));

CREATE TABLE company\_derives (company\_name varchar(45));

CREATE TABLE mentors (mentor\_id varchar(45), mentor\_name varchar(45), no\_0f\_students varchar(45));

CREATE TABLE students\_activated\_course (student\_id varchar(45), course\_activated varchar(45));

CREATE TABLE course (course\_name varchar(45), duration varchar(45), fee varchar(45));

1. **insert at least 5 rows of values in each table**

INSERT INTO users (student\_id, student\_name, student\_email) VALUES (1,'abc', '[Abc@mail.com](mailto:Abc@mail.com)'), (2, 'xyz', '[xyz@mail.com](mailto:xyz@mail.com)'), (3, ‘bcd’, ‘bcd@mail.com’), (4, ‘cd’, ‘cd@mail.com’), (5, ‘bca’, ‘bca@mail.com’);

INSERT INTO codekata (student\_id , prob\_solved) VALUES (1,40), (2, 60), (3, 40), (4,42), (5, 40);

INSERT INTO attendance (student\_id , attendance) VALUES (1,14), (2,16), (3,14), (4,42), (5, 14);

INSERT INTO topics (student\_id , topics) VALUES (1,’JAVA’), (2, ‘PYTHON’), (3, ‘C++’), (4,’JSP’), (5, ‘PHP’);

INSERT INTO tasks (student\_id , task\_done) VALUES (1,40), (2, 60), (3, 40), (4,42), (5, 40);

INSERT INTO company\_driven (company\_name) VALUES (‘abc’), (‘xyz’), (‘lkg’), (‘bcd’), (‘ylk’);

INSERT INTO mentors (mentor\_id , mentor\_name,no\_of\_students) VALUES (1,’Rahul’,40), (2,’Rajkumar’, 60), (3, ‘Vikas’,40), (4,’Raaj’,42), (5,’Vicky’, 40);

INSERT INTO students\_activated\_course(student\_id ,course\_activated ) VALUES (1,’JAVA’), (2, ‘JSP’), (3, ‘JAVA’), (4,’PYTHON’), (5, ‘PYTHON’);

INSERT INTO courses (course\_name, duration, fee) VALUES (‘JAVA’, ‘3m Months’ , ‘40000’), (‘Python’, ‘5 Months’,’50000’), (‘JSP’,’3 Months’, ‘40000’), (‘PHP’,’2 Months’, ‘10000’), (‘C++’,’6 Months’, ‘60000’);

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|  | 1. **get number problems solved in codekata by combining the users**   select prob\_solved from codekata group by prob\_solved; |
|  | 1. display the no of company drives attended by a user   select count(\*) from company; |
|  | 1. combine and display students\_activated\_courses and courses for a specific user groping them based on the course   select \* from students\_activated\_courses group by course\_activated; |
|  | 1. list all the mentors   select mentor\_name from mentors; |
|  | 7. list the number of students that are assigned for a mentor |

select no\_of\_students from mentors;