**SQL Database Task**

create database Zen;

use Zen;

create table zen\_users(user\_id int primary key, topic\_id int, topic\_name,task\_provided);

create table students(student\_id int primary key, full\_name, user\_id int, phone\_number , work\_experience, foreign key(user\_id)references zen\_users(user\_id) );

create table mentors( mentor\_id int primary key, mentor\_name , user\_id int, email\_id, foreign key(user\_id)references zen\_users(user\_id) );

Insert into zen\_users (user\_id, topic\_id, topic\_name,task\_provided)VALUES

(zen01, Topic01, “HTML & CSS”, “yes”),

(zen54,Topic34,”JS array & objects”,”yes”),

(zen11,Topic23,”Responsive web design”,”yes”),

(zen27,Topic21,”Promise & Callback”,”no”),

(zen34,Topic56,”MYSQL queries”,”no”);

Insert into students (student\_id, full\_name, user\_id, phone\_number , work\_experience) Values

(74875,”Sumithra”,zen01,9834377823,5),

(44354,Nagarajan”,zen22,9589485343,12),

(49574,”Student1”,zen34,89455849234,2),

(54758,”Student2”,zen11,9584980343,8),

(4875,”Student6”,zen12,8943859594,4);

Insert into mentors(mentor\_id, user\_id)Values

(234,zen01),

(76,zen34),

(4534,zen78),

(6767,zen57),

(3435,zen4);

alter table mentors  
alter mentor\_name set default 'rajavasanthan';

alter table mentors  
alter email set default ['rajavasanthan@gmail.com';](mailto:'rajavasanthan@gmail.com';)

Select full\_name, phone\_number from students where full\_name=”student1”;

Select \* from students where work\_experience>4;

Select topic\_name,student\_id from zen\_users join students on user\_id=user\_id where student\_id=4875;

select \* from students where (full\_name like 's%');