**Road-Map: Day-34: Database : MySQL – Day-2 : Tasks**

**MySql queries for creating database and tables with its Constraints:**

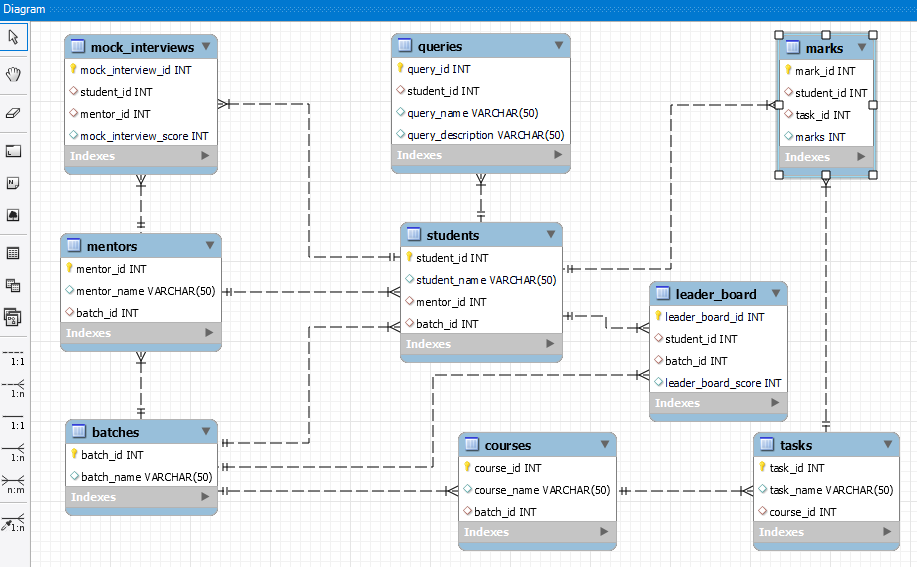
**Creating dbs and using the dbs :**

* create database guvi\_zen\_class;
* use guvi\_zen\_class;

**Creating tables and describing the table :**

* create table batches(batch\_id int primary key, batch\_name varchar(50));
* desc batches;
* create table mentors(mentor\_id int primary key, mentor\_name varchar(50), batch\_id int, foreign key (batch\_id) references batches(batch\_id));
* desc mentors;
* create table courses(course\_id int primary key, course\_name varchar(50), batch\_id int, foreign key (batch\_id) references batches(batch\_id));
* desc courses;
* create table tasks(task\_id int primary key, task\_name varchar(50), course\_id int, foreign key (course\_id) references courses(course\_id));
* desc tasks;
* create table students(student\_id int primary key, student\_name varchar(50), mentor\_id int, batch\_id int, foreign key (mentor\_id) references mentors(mentor\_id), foreign key (batch\_id) references batches(batch\_id));
* desc students;
* create table marks(mark\_id int primary key, student\_id int, task\_id int, marks int, foreign key (student\_id) references students(student\_id), foreign key (task\_id) references tasks(task\_id));
* desc marks;
* create table queries(query\_id int primary key, student\_id int, query\_name varchar(50), query\_description varchar(50), foreign key (student\_id) references students(student\_id));
* desc queries;
* create table mock\_interviews(mock\_interview\_id int primary key, student\_id int, mentor\_id int, mock\_interview\_score int, foreign key (student\_id) references students(student\_id), foreign key (mentor\_id) references mentors(mentor\_id));
* desc mock\_interviews;
* create table leader\_board(leader\_board\_id int primary key, student\_id int, batch\_id int, leader\_board\_score int, foreign key (student\_id) references students(student\_id), foreign key (batch\_id) references batches(batch\_id));
* desc leader\_board;

**Guvi Zen Class – Basic MySql DB Design Diagram :**



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