

## Design DB model for Guvi Zen class-TaskDay34

```
create database guvi;
```

```
use guvi;
```

```
create table user(  
  userid int primary key auto_increment,  
  username varchar(25) unique,  
  useremail varchar(255) unique,  
  usermobile varchar(10) not null  
);
```

```
create table course(  
  course_id int auto_increment primary key,  
  userid int,  
  course_name varchar(25),  
  course_duration varchar(255),  
  course_fees varchar(25),  
  foreign key(userid) references user(userid)  
);
```

```
create table admissions(  
  userid int,  
  course_id int,  
  admission_fees varchar(25),  
  foreign key(userid) references user(userid),  
  foreign key(course_id) references course(course_id)  
);
```

```
create table codekata(  
userid int,  
solved_problem varchar(25) not null,  
foreign key(userid) references user(userid)  
);
```

```
create table mentor(  
userid int,  
course_id int not null,  
mentor_name varchar(25) ,  
foreign key(userid) references user(userid),  
foreign key(course_id) references course(course_id)  
);
```

```
create table studentsAttendance(  
A_id int,  
userid int,  
A_date datetime default now(),  
status boolean default true,  
foreign key(userid) references user(userid)  
);
```

```
create table task(  
userid int,  
submitted_task varchar(25) not null,  
task_mark varchar(25) ,  
foreign key(userid) references user(userid)  
);
```

```

create table leaderboard(
userid int,
course_id int,
batch varchar(25) not null,
submitted_task varchar(25) not null,
foreign key(userid) references user(userid),
foreign key(course_id) references course(course_id)
);

```

```

create table queries (
userid int,
topics varchar(2000),
reasons_queries varchar(2550),
foreign key (userid) references user(userid)
);

```

The screenshot shows a database management interface with a left sidebar for 'SCHEMAS' and a main area for SQL queries and their execution results.

**SCHEMAS Sidebar:**

- Filter objects
- guvi
  - Tables
  - Views
  - Stored Procedures
  - Functions

**SQL Editor:**

```

1 • create database guvi;
2 • use guvi;
3
4 • create table user(
5   userid int primary key auto_increment,
6   username varchar(25) unique,
7   useremail varchar(255) unique,
8   usermobile varchar(10) not null
9 );
10
11 • create table course(
12   course_id int auto_increment primary key,
13   userid int,
14   course_name varchar(25),

```

**Output:**

Action Output

#	Time	Action	Message
62	23:10:07	create table queries ( queryid int, userid int, reasons varchar(2000), mentor...	Error Code: 1822. Failed to add the fore
63	23:10:45	create table queries ( queryid int primary key, userid int, reasons varchar(200...	Error Code: 1822. Failed to add the fore
64	23:11:00	create table queries ( userid int, reasons varchar(2000), mentor_name varch...	Error Code: 1822. Failed to add the fore
65	23:13:00	create table queries ( userid int, topics varchar(2000), reasons_queries varch...	0 row(s) affected

