

SQL-TASK2

DESIGN DB MODEL FOR GUVI ZEN CLASS

- We have 5 Entities to create a GUVI Zen Class
 - 1.Batch
 - 2.Students
 - 3.Mentor
 4. Interview
 - 5.Result
- Relationships
 1. We have 5 batches
 2. Each student has name, email, mobile number.
 3. Each student has individual mentor.
 4. All student in 5 batches attended interview.
- The Tables Batch, Students, Mentor, Interview are independent to each other.
- Each table are created and values are inserted into tables.
- Each table Screenshot have given below.

Created each table and values are inserted

1.Batch table

Create table batch (
id int primary key,
batchname varchar(255));

```
mysql> select * from batch;
```

id	batchname
1	101
2	102
3	103
4	104
5	105

```
5 rows in set (0.00 sec)
```

```
mysql>
```

2.Students table

Create table student (
id int primary key,
student_id int,
student_name varchar(255));

```
mysql> create table students (  
  -> id int primary key ,  
  -> student_id int,  
  -> student_name varchar(255)  
  -> );  
Query OK, 0 rows affected (0.33 sec)
```

```
mysql> insert into students (id, student_id , student_name) values (1, 501, 'sathiya'),(2, 502, 'krish'),(3,503,'velu'),(4,504,'siva'),(5,505 , 'John');  
Query OK, 5 rows affected (0.14 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from students;
```

id	student_id	student_name
1	501	sathiya
2	502	krish
3	503	velu
4	504	siva
5	505	John

```
5 rows in set (0.00 sec)
```

3.Mentor table

Create table mentor (
id int primary key ,
mentor_id int);

```
mysql> desc mentor;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
mentor_id	int	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> insert into mentor (id,mentor_id) values (1,401),(2,402),(3,403),(4,404);
```

```
Query OK, 5 rows affected (0.07 sec)
```

```
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from mentor;
```

id	mentor_id
1	401
2	402
3	403
4	404
5	405

```
5 rows in set (0.00 sec)
```

```
mysql>
```

4.Interview Table

Create table (
id int primary key ,
company_name varchar(255),
status varchar(255));

```
mysql> create table interview (
-> id int primary key ,
-> company_name varchar(255)
-> );
Query OK, 0 rows affected (0.36 sec)

mysql> desc interview;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id             | int           | NO   | PRI | NULL    |       |
| company_name   | varchar(255)  | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> insert into interview (id, company_name) values (1, 'Inf
Query OK, 5 rows affected (0.09 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> select * from interview;
+----+-----+
| id | company_name |
+----+-----+
| 1  | Infosys      |
| 2  | TCS          |
| 3  | HCL          |
| 4  | CTS          |
| 5  | KTM          |
+----+-----+
5 rows in set (0.00 sec)

mysql> |
```