

### --database

```
mysql> show databases;
+-----+
| Database |
+-----+
| classicmodels |
| guvi_zenclass |
| information_schema |
| mydb |
| mysql |
| nycflights13 |
| performance_schema |
| sys |
+-----+
```

### -- Create the Classes table

```
mysql> desc classes;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| class_id | int | NO | PRI | NULL | |
| class_name | varchar(255) | YES | | NULL | |
| start_date | date | YES | | NULL | |
| end_date | date | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
create table classes (
  class_id int primary key,
  class_name varchar(255),
  start_date date,
  end_date date
);
```

### --insert records into the classes table

```
mysql> select * from classes;
+-----+-----+-----+-----+
| class_id | class_name | start_date | end_date |
+-----+-----+-----+-----+
| 1 | Math 101 | 2023-09-01 | 2023-12-15 |
| 2 | History 101 | 2023-09-05 | 2023-12-20 |
| 3 | Science 101 | 2023-09-10 | 2023-12-18 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Insert into classes (class\_id, class\_name, start\_date, end\_date)

values

```
(1, 'Math 101', '2023-09-01', '2023-12-15'),  
(2, 'History 101', '2023-09-05', '2023-12-20'),  
(3, 'Science 101', '2023-09-10', '2023-12-18');
```

#### -- Create the Students table

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
student_id	int	NO	PRI	NULL	
first_name	varchar(255)	YES		NULL	
last_name	varchar(255)	YES		NULL	
email	varchar(255)	YES		NULL	
phone_number	varchar(20)	YES		NULL	
date_of_birth	date	YES		NULL	

6 rows in set (0.00 sec)

Create table students (

student\_id int primary key,

first\_name varchar(255),

last\_name varchar(255),

email varchar(255),

phone\_number varchar(20),

date\_of\_birth date

);

#### -- Insert records into the Students table

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

student_id	first_name	last_name	email	phone_number	date_of_birth
1	John	Doe	john.doe@example.com	123-456-7890	2000-05-15
2	Jane	Smith	jane.smith@example.com	987-654-3210	1999-08-20
3	Bob	Johnson	bob.johnson@example.com	555-123-4567	2001-02-10

3 rows in set (0.00 sec)

Insert into students (student\_id, first\_name, last\_name, email, phone\_number, date\_of\_birth)

values

```
(1, 'John', 'Doe', 'john.doe@example.com', '123-456-7890', '2000-05-15'),  
(2, 'Jane', 'Smith', 'jane.smith@example.com', '987-654-3210', '1999-08-20'),  
(3, 'Bob', 'Johnson', 'bob.johnson@example.com', '555-123-4567', '2001-02-10');
```

#### **-- Create the Contents table**

```
mysql> desc contents;  
+-----+-----+-----+-----+-----+-----+  
| Field          | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| content_id     | int           | NO   | PRI | NULL    |       |  
| content_name   | varchar(255)  | YES  |     | NULL    |       |  
| description    | text         | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.00 sec)
```

```
Create table contents (  
    content_id int primary key,  
    content_name varchar(255),  
    description text  
);
```

#### **-- Insert records into the contents table**

```
mysql> select * from contents;
```

content_id	content_name	description
1	Introduction to Browser & web	Introduction to Browser & web
2	Request & Response cycle	Request & Response cycle
3	JS array & objects	Looping Of Arrays & Objects
4	What is XMLHttpRequest? & scope	XMLHttpRequest
5	Functions	IIFE & Anonymous Function
6	Functions recap	Functions
7	ES5 vs ES6	NIL
8	OOP	OOP PROBLEMS
9	MRF Array Method	MRF Method
10	Complete Recap	NIL
11	HTML	HTML & CSS Mini Task
12	HTML recap CSS	NIL
13	CSS	NIL
14	CSS	NIL
15	Responsive web design	NIL
16	Bootstrap design demo	Responsive Design
17	DOM	NIL
18	Document vs Window	NIL
19	Recap of Topics	CALCULATOR HTMLForms PAGINATION
20	Recap of Topics	NIL
21	Callback	Callback Hell
22	Promise	NIL
23	Fetch Api	NIL
24	Promise_fetch - request info & request init	NIL
25	Recap of Topics	3 API TASKS
26	REACT	Pricing Table
27	React hooks & states	Shop-Homepage
28	React components	Dashboard
29	React router	CRUD_Userlist
30	recap with previous day topics	NIL
31	Context API	API task completion using context
32	recap with previous day topics	NIL
33	AXIOS	CRUD using Axios
34	formik in react	CRUD for product with validation

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

```
insert into contents (content_id,content_name, description)
```

values

(1, "Introduction to Browser & web", "Introduction to Browser & web"),

(2, "Request & Response cycle", "Request & Response cycle"),

(3, "JS array & objects", "Looping Of Arrays & Objects"),

(4, "What is XMLHttpRequest? & scope", "XMLHttpRequest"),

(5, "Functions", "IIFE & Anonymous Function"),

(6, "Functions recap", "Functions"),

(7, "ES5 vs ES6", "NIL"),

(8, "OOP", "OOP PROBLEMS"),

(9, "MRF Array Method", "MRF Method"),

(10, "Complete Recap", "NIL"),

(11, "HTML", "HTML & CSS Mini Task"),  
(12, "HTML recap CSS", "NIL"),  
(13, "CSS", "NIL"),  
(14, "CSS", "NIL"),  
(15, "Responsive web design", "NIL"),  
(16, "Bootstrap design demo", "Responsive Design"),  
(17, "DOM", "NIL"),  
(18, "Document vs Window", "NIL"),  
(19, "Recap of Topics", "CALCULATOR HTMLForms PAGINATION"),  
(20, "Recap of Topics", "NIL"),  
(21, "Callback", "Callback Hell"),  
(22, "Promise", "NIL"),  
(23, "Fetch Api", "NIL"),  
(24, "Promise\_fetch - request info & request init", "NIL"),  
(25, "Recap of Topics", "3 API TASKS"),  
(26, "REACT", "Pricing Table"),  
(27, "React hooks & states", "Shop-Homepage"),  
(28, "React components", "Dashboard"),  
(29, "React router", "CRUD\_Userlist"),  
(30, "recap with previous day topics", "NIL"),  
(31, "Context API", "API task completion using context"),  
(32, "recap with previous day topics", "NIL"),  
(33, "AXIOS", "CRUD using Axios"),  
(34, "formik in react", "CRUD for product with validation");

**-- Create the Activities table**

```
mysql> desc activities;
```

Field	Type	Null	Key	Default	Extra
activity_id	int	NO	PRI	NULL	
activity_name	varchar(255)	YES		NULL	
start_date	date	YES		NULL	
end_date	date	YES		NULL	

4 rows in set (0.00 sec)

Create table activities (

activity\_id int primary key,

activity\_name varchar(255),

start\_date date,

end\_date date

);

**--insert records into the activities table**

```
mysql> select * from activities;
```

activity_id	activity_name	start_date	end_date
1	front_end source code	NULL	NULL
2	back_end source code	NULL	NULL
3	comments	NULL	NULL

3 rows in set (0.00 sec)

insert into activities (activity\_id, activity\_name)

values

(1, "front\_end source code"),

(2, "Back\_end source code"),

(3, "comments");

**-- Create the Sessions table**

```
mysql> desc sessions;
```

Field	Type	Null	Key	Default	Extra
session_id	int	NO	PRI	NULL	
session_name	varchar(255)	YES		NULL	
class_id	int	YES		NULL	
activity_id	int	YES		NULL	
session_date	date	YES		NULL	

5 rows in set (0.00 sec)

```
Create table sessions (
    session_id int primary key,
    session_name varchar(255),
    class_id int,
    activity_id int,
    session_date date
);
```

#### **-- Create the Additional Sessions table**

```
mysql> desc additional_sessions;
```

Field	Type	Null	Key	Default	Extra
additional_session_id	int	NO	PRI	NULL	
session_name	varchar(255)	YES		NULL	
class_id	int	YES		NULL	
session_date	date	YES		NULL	

4 rows in set (0.00 sec)

```
Create table additional_sessions (
    additional_session_id int primary key,
    session_name varchar(255),
    class_id int,
    session_date date
);
```

### --insert record into the Additional Sessions table

```
mysql> select * from additional_sessions;
```

additional_session_id	session_name	class_id	session_date
1	Introduction to Browser & web	NULL	NULL
2	JS array & objects	NULL	NULL
3	Functions	NULL	NULL
4	ES5 vs ES6	NULL	NULL
5	Responsive web design	NULL	NULL

5 rows in set (0.00 sec)

Insert into additional\_sessions (additional\_session\_id, session\_name)

Values

(1, "Introduction to Browser & web"),

(2, "JS array & objects"),

(3, "Functions"),

(4, "ES5 vs ES6"),

(5, "Responsive web design");

### -- Create the Tasks table

```
mysql> desc tasks;
```

Field	Type	Null	Key	Default	Extra
task_id	int	NO	PRI	NULL	
task_name	varchar(255)	YES		NULL	
student_id	int	YES		NULL	
activity_id	int	YES		NULL	

4 rows in set (0.00 sec)

Create table tasks (

task\_id int primary key,

task\_name varchar(255),

student\_id int,

activity\_id int

);



### --insert record into the tasks table

```
mysql> select * from tasks;
```

task_id	task_name	student_id	activity_id
1	Design DB model for Guvi Zen class	NULL	NULL
2	http://sqlbolt.com/ take a screenshot of your executed queries then upload	NULL	NULL
3	github diagram	NULL	NULL

3 rows in set (0.00 sec)

Insert into tasks (task\_id,task\_name)

Values

(1," Design DB model for Guvi Zen class " ),

(1," http://sqlbolt.com/ take a screenshot of your executed queries then upload"),

(1," github diagram");