UNIVERSITY
- uni_id INT
- uni_name VARCHAR(100)
- uni_code VARCHAR(30)
- uni_place VARCHAR(100)
- fac_id INT
- camp_id INT
- Indexes

CAMPUS
- camp_id INT
- camp_name VARCHAR(100)
- camp_address VARCHAR(100)
- camp_distance INT
- club_id INT
- uni_id INT
- Indexes

CLUB
- club_id INT
- club_name VARCHAR(45)
- club_place VARCHAR(100)
- club_contact_no INT
- club_sport VARCHAR(50)
- camp_id INT
- Indexes

FACULTY
- fac_id INT
- fac_name VARCHAR(50)
- fac_dean VARCHAR(50)
- fac_building_place VARCHAR(50)
- school_id INT
- commity_id INT
- uni_id INT
- Indexes

SCHOOL
- school_id INT
- school_name VARCHAR(50)
- school_building_place VARCHAR(50)
- fac_id INT
- camp_id INT
- staff_id INT
- prog_id INT
- Indexes

PROGRAMS
- prog_id INT
- prog_title VARCHAR(100)
- prog_time DATE
- school_id INT
- cours_id INT
- Indexes

COURSES
- cours_id INT
- cours_title VARCHAR(50)
- cours_yearofcourse DATE
- prog_id INT
- stud_id INT
- staff_id INT
- Indexes

STUDENTS
- stud_id INT
- stud_name VARCHAR(50)
- stud_birthdate DATE
- cours_yearofcourse INT
- prog_id INT
- cours_id INT
- staff_id INT
- Indexes

COMMITTES
- commity_id INT
- commity_name VARCHAR(50)
- fac_id INT
- staff_id INT
- Indexes

STAFF
- staff_id INT
- staff_name VARCHAR(50)
- staff_office_name VARCHAR(50)
- stud_id INT
- school_id INT
- cours_id INT
- commity_id INT
- Indexes

```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| hr                 |
| information_schema |
| library            |
| mysql              |
| performance_schema |
| sakila             |
| shop               |
| sys                |
| university_system  |
| world              |
+--------------------+
10 rows in set (0.00 sec)

mysql> use university_system
Database changed
mysql> show tables;
+---------------------------+
| Tables_in_university_system |
+---------------------------+
| campus                    |
| club                      |
| committes                 |
| courses                   |
| faculty                   |
| programs                  |
| school                    |
| staff                     |
| students                  |
| university                |
+---------------------------+
10 rows in set (0.00 sec)
```

```
mysql> desc campus;
+---------------+--------------+------+-----+---------+-------+
| Field         | Type         | Null | Key | Default | Extra |
+---------------+--------------+------+-----+---------+-------+
| camp_id       | int          | NO   | PRI | NULL    |       |
| camp_name     | varchar(100) | NO   |     | NULL    |       |
| camp_address  | varchar(100) | NO   |     | NULL    |       |
| camp_distance | int          | NO   |     | NULL    |       |
| club_id       | int          | NO   | MUL | NULL    |       |
| uni_id        | int          | NO   | MUL | NULL    |       |
+---------------+--------------+------+-----+---------+-------+
6 rows in set (0.03 sec)

mysql> desc club;
+-----------------+--------------+------+-----+---------+-------+
| Field           | Type         | Null | Key | Default | Extra |
+-----------------+--------------+------+-----+---------+-------+
| club_id         | int          | NO   | PRI | NULL    |       |
| club_name       | varchar(45)  | NO   |     | NULL    |       |
| club_place      | varchar(100) | NO   |     | NULL    |       |
| club_contact_no | int          | NO   |     | NULL    |       |
| club_sport      | varchar(50)  | NO   |     | NULL    |       |
| camp_id         | int          | NO   |     | NULL    |       |
+-----------------+--------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> desc university;
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| uni_id    | int          | NO   | PRI | NULL    |       |
| uni_name  | varchar(100) | NO   |     | NULL    |       |
| uni_code  | varchar(30)  | NO   |     | NULL    |       |
| uni_place | varchar(100) | NO   |     | NULL    |       |
| fac_id    | int          | NO   |     | NULL    |       |
| camp_id   | int          | NO   |     | NULL    |       |
+-----------+--------------+------+-----+---------+-------+
6 rows in set (0.00 sec)


mysql> desc committes;
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| commity_id   | int         | NO   | PRI | NULL    |       |
| commity_name | varchar(50) | NO   |     | NULL    |       |
| staff_id     | int         | NO   | MUL | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> desc courses;
+-------------------+-------------+------+-----+---------+-------+
| Field             | Type        | Null | Key | Default | Extra |
+-------------------+-------------+------+-----+---------+-------+
| cours_id          | int         | NO   | PRI | NULL    |       |
| cours_title       | varchar(50) | NO   |     | NULL    |       |
| cours_yearofcourse| date        | NO   |     | NULL    |       |
| prog_id           | int         | NO   |     | NULL    |       |
| stud_id           | int         | NO   | MUL | NULL    |       |
| staff_id          | int         | NO   |     | NULL    |       |
+-------------------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> desc faculty;
+--------------------+-------------+------+-----+---------+-------+
| Field              | Type        | Null | Key | Default | Extra |
+--------------------+-------------+------+-----+---------+-------+
| fac_id             | int         | NO   | PRI | NULL    |       |
| fac_name           | varchar(50) | NO   |     | NULL    |       |
| fac_dean           | varchar(50) | NO   |     | NULL    |       |
| fac_building_place | varchar(50) | NO   |     | NULL    |       |
| school_id          | int         | NO   |     | NULL    |       |
| commity_id         | int         | NO   |     | NULL    |       |
| uni_id             | int         | NO   | MUL | NULL    |       |
+--------------------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

```
mysql> desc program;
ERROR 1146 (42S02): Table 'university_system.program' doesn't exist
mysql> desc programs;
+------------+--------------+------+-----+---------+-------+
| Field      | Type         | Null | Key | Default | Extra |
+------------+--------------+------+-----+---------+-------+
| prog_id    | int          | NO   | PRI | NULL    |       |
| prog_title | varchar(100) | NO   |     | NULL    |       |
| prog_time  | date         | NO   |     | NULL    |       |
| school_id  | int          | NO   | MUL | NULL    |       |
| cours_id   | int          | NO   |     | NULL    |       |
+------------+--------------+------+-----+---------+-------+
5 rows in set (0.00 sec)

mysql> desc school;
+----------------------+-------------+------+-----+---------+-------+
| Field                | Type        | Null | Key | Default | Extra |
+----------------------+-------------+------+-----+---------+-------+
| school_id            | int         | NO   | PRI | NULL    |       |
| school_name          | varchar(50) | NO   |     | NULL    |       |
| school_building_place| varchar(50) | NO   |     | NULL    |       |
| fac_id               | int         | NO   |     | NULL    |       |
| camp_id              | int         | NO   | MUL | NULL    |       |
| staff_id             | int         | NO   |     | NULL    |       |
+----------------------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> desc staff;
+-------------------+-------------+------+-----+---------+-------+
| Field             | Type        | Null | Key | Default | Extra |
+-------------------+-------------+------+-----+---------+-------+
| staff_id          | int         | NO   | PRI | NULL    |       |
| staff_name        | varchar(50) | NO   |     | NULL    |       |
| staff_office_name | varchar(50) | NO   |     | NULL    |       |
| stud_id           | int         | NO   |     | NULL    |       |
| school_id         | int         | NO   |     | NULL    |       |
| cours_id          | int         | NO   |     | NULL    |       |
| commity_id        | int         | NO   | MUL | NULL    |       |
+-------------------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```

```
mysql> desc student;
ERROR 1146 (42S02): Table 'university_system.student' doesn't exist
mysql> desc students;
+-------------------+-------------+------+-----+---------+-------+
| Field             | Type        | Null | Key | Default | Extra |
+-------------------+-------------+------+-----+---------+-------+
| stud_id           | int         | NO   | PRI | NULL    |       |
| stud_name         | varchar(50) | NO   |     | NULL    |       |
| stud_birthdate    | date        | NO   |     | NULL    |       |
| cours_yearofcourse| int         | NO   |     | NULL    |       |
| prog_id           | int         | NO   | MUL | NULL    |       |
| cours_id          | int         | NO   |     | NULL    |       |
| staff_id          | int         | NO   |     | NULL    |       |
+-------------------+-------------+------+-----+---------+-------+
7 rows in set (0.00 sec)
```