```
C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -h localhost -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 9.2.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database xyz;
Query OK, 1 row affected (0.09 sec)

mysql> CREATE TABLE students (
    ->  student_id INT PRIMARY KEY,
    ->  first_name VARCHAR(50) NOT NULL,
    ->  last_name VARCHAR(50) NOT NULL,
    ->  email VARCHAR(100) NOT NULL UNIQUE,
    ->  date_of_birth DATE
    -> );
Query OK, 0 rows affected (0.15 sec)

mysql> CREATE TABLE courses1 (
    -> course_id INT PRIMARY KEY,
```

```
    -> COURSE_NAME VARCHAR(100) NOT NULL,

    -> COURSE_CODE VARCHAR(10) NOT NULL UNIQUE,

    -> department VARCHAR(10) NOT NULL

    -> );
```
Query OK, 0 rows affected (0.02 sec)


```
mysql> CREATE TABLE enrollment (

    -> enrollment_id INT PRIMARY KEY,

    -> student_id INT,

    -> course_id INT,

    -> FOREIGN KEY(student_id)REFERENCES students(student_id),

    -> FOREIGN KEY(course_id)REFERENCES courses1(course_id)

    -> );
```
Query OK, 0 rows affected (0.04 sec)

mysql> desc enrollment;

+-----------+------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+-----------+------+------+-----+---------+-------+
enrollment_id	int	NO	PRI	NULL	
student_id	int	YES	MUL	NULL	
course_id	int	YES	MUL	NULL	
+-----------+------+------+-----+---------+-------+
3 rows in set (0.09 sec)

mysql> desc students;

+-----------+------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+-----------+------------+------+-----+---------+-------+
| student_id | int | NO | PRI | NULL | |
| first_name | varchar(50) | NO | | NULL | |
```

| last_name     | varchar(50) | NO  |     | NULL    |     |
| email         | varchar(100)| NO  | UNI | NULL    |     |
| date_of_birth | date        | YES |     | NULL    |     |
+-----------+----------+-----+-----+------+-----+
5 rows in set (0.00 sec)

mysql> desc courses1;

+----------+-----------+-----+-----+---------+------+
| Field       | Type        | Null | Key | Default | Extra |
+----------+-----------+-----+-----+---------+------+
| course_id   | int         | NO  | PRI | NULL    |     |
| COURSE_NAME | varchar(100)| NO  |     | NULL    |     |
| COURSE_CODE | varchar(10) | NO  | UNI | NULL    |     |
| department  | varchar(10) | NO  |     | NULL    |     |
+----------+-----------+-----+-----+---------+------+
4 rows in set (0.00 sec)

mysql> create view student_view1 as SELECT student_id,first_name FROM students;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM student_view1;
Empty set (0.01 sec)

mysql> SELECT first_name FROM student_view1 where student_id = 101;
Empty set (0.00 sec)

mysql> INSERT INTO students (student_id,first_name,last_name,email,date_of_birth) VALUES(101,'Pratiksha','Gadhave','pratikshagadhave@gmail.com','2005-14-09');
Query OK, 1 row affected (0.01 sec)

mysql> SHOW CREATE TABLE students;

```
+-------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+
| Table   | Create Table
|
+-------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+
| students | CREATE TABLE `students` (
  `student_id` int NOT NULL,
  `first_name` varchar(50) NOT NULL,
  `last_name` varchar(50) NOT NULL,
  `email` varchar(100) NOT NULL,
  `date_of_birth` date DEFAULT NULL,
  PRIMARY KEY (`student_id`),
  UNIQUE KEY `email` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci |
+-------+-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------+
1 row in set (0.00 sec)


mysql> SELECT * FROM student_view1;
+--------+--------+
| student_id | first_name |
+--------+--------+
|     101 | Pratiksha  |
+--------+--------+
1 row in set (0.00 sec)


mysql> SELECT first_name from student_view1 WHERE student_id =101;
+--------+
| first_name |
```

```
+--------+
| Pratiksha  |
+--------+
```
1 row in set (0.00 sec)

mysql> CREATE VIEW student_view1 AS

   -> SELECT student_id, first_name FROM students;

ERROR 1050 (42S01): Table 'student_view1' already exists

mysql> CREATE VIEW student_view AS SELECT student_id,first_name FROM students;

Query OK, 0 rows affected (0.01 sec)

mysql> DELETE FROM student_view1 WHERE student_id = 101;

Query OK, 1 row affected (0.53 sec)

mysql> UPDATE student_view1 SET first_name = 'HIMANI' WHERE student_id = 101;

Query OK, 0 rows affected (0.00 sec)

Rows matched: 0 Changed: 0 Warnings: 0