Microsoft Windows [Version 10.0.26100.4652]

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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 abc;

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,'kadambari','dhok','dhokkadambari@34','2005-12-03');

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 | kadambari |

+------------+------------+

1 row in set (0.00 sec)

mysql> SELECT first\_name from student\_view1 WHERE student\_id =101;

+------------+

| first\_name |

+------------+

| kadambari |

+------------+

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