```
mysql> CREATE DATABASE user1_db;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE DATABASE user2_db;
Query OK, 1 row affected (0.01 sec)

mysql>
mysql> CREATE USER 'user1'@'localhost' IDENTIFIED BY 'password1';
Query OK, 1 row affected (0.02 sec)
mysql> CREATE USER 'user2'@'localhost' IDENTIFIED BY 'password2';
Query OK, 1 row affected (0.02 sec)
mysql> -- Create DEPARTMENTS table for user1
mysql> USE user1_db;
Database changed
mysql> CREATE TABLE DEPARTMENTS (
    ->    department_id INT PRIMARY KEY,
    ->    department_name VARCHAR(50)
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> -- Create DEPARTMENTS table for user2
mysql> USE user2_db;
Database changed
mysql> CREATE TABLE DEPARTMENTS (
    ->    department_id INT PRIMARY KEY,
    ->    department_name VARCHAR(50)
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> -- Grant access from user1 to user2
mysql> USE user1_db;
Database changed
mysql> GRANT SELECT ON DEPARTMENTS TO 'user2'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql>
mysql> -- Grant access from user2 to user1
mysql> USE user2_db;
Database changed
mysql> GRANT SELECT ON DEPARTMENTS TO 'user1'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> VALUES (1, 'Marketing');
```

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> VALUES
    ->   (2, 'Human Resources'),
    ->   (3, 'Finance'),
    ->   (4, 'IT');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM DEPARTMENTS;
+---------------+-----------------+
| department_id | department_name |
+---------------+-----------------+
1	Marketing
2	Human Resources
3	Finance
4	IT
+---------------+-----------------+
4 rows in set (0.00 sec)

mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> VALUES (500, 'Education');
Query OK, 1 row affected (0.01 sec)

mysql> GRANT SELECT ON user1_db.DEPARTMENTS TO 'user2'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> VALUES (510, 'Human Resources');
Query OK, 1 row affected (0.01 sec)

mysql> GRANT SELECT ON user2_db.DEPARTMENTS TO 'user1'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> USE user2_db;
Database changed
mysql> SELECT * FROM DEPARTMENTS;
+---------------+-----------------+
| department_id | department_name |
+---------------+-----------------+
1	Marketing
2	Human Resources
3	Finance
4	IT
500	Education

```
|          510 | Human Resources |
+---------------+-----------------+
6 rows in set (0.00 sec)

mysql> USE user1_db;
Database changed
mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> values(7, 'Manager');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO DEPARTMENTS (department_id, department_name)
    -> values(8,'CEO');
Query OK, 1 row affected (0.01 sec)
mysql> SELECT * FROM DEPARTMENTS;
+---------------+-----------------+
| department_id | department_name |
+---------------+-----------------+
|           7 | Manager         |
|           8 | CEO             |
+---------------+-----------------+
2 rows in set (0.00 sec)


mysql> SELECT table_name, table_schema, table_rows
    -> FROM information_schema.tables
    -> WHERE table_schema = 'user1_db';
+-------------+--------------+------------+
| TABLE_NAME  | TABLE_SCHEMA | TABLE_ROWS |
+-------------+--------------+------------+
| departments | user1_db     |          2 |
+-------------+--------------+------------+
1 row in set (0.01 sec)

mysql> SELECT table_name, table_schema, table_rows
    -> FROM information_schema.tables
    -> WHERE table_schema = 'user2_db';
+-------------+--------------+------------+
| TABLE_NAME  | TABLE_SCHEMA | TABLE_ROWS |
+-------------+--------------+------------+
| departments | user2_db     |          6 |
+-------------+--------------+------------+
1 row in set (0.01 sec)



mysql> REVOKE SELECT ON DEPARTMENTS FROM 'user1'@'localhost';
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> REVOKE SELECT ON DEPARTMENTS FROM 'user2'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> DELETE FROM DEPARTMENTS WHERE DEPARTMENT_ID = 510;
Query OK, 0 rows affected (0.01 sec)

mysql> DELETE FROM DEPARTMENTS WHERE DEPARTMENT_ID = 500;
Query OK, 0 rows affected (0.00 sec)
```