Microsoft Windows [Version 10.0.26100.4652]

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C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -h localhost -u root -p

Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 60

Server version: 9.3.0 MySQL Community Server - GPL

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

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| student |

| sys |

| world |

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

7 rows in set (0.031 sec)

mysql> create database inventory;

Query OK, 1 row affected (0.292 sec)

mysql> use inventory;

Database changed

mysql> create table product(pid int primary key,pname varchar(20),price float);

Query OK, 0 rows affected (0.569 sec)

mysql> create table sale(sid int,pid int,quantity int,FOREIGN KEY(pid)REFERENCES product(pid));

Query OK, 0 rows affected (0.772 sec)

mysql> create table supplier(suppid int,sname varchar(20),address varchar(20));

Query OK, 0 rows affected (0.452 sec)

mysql> alter table supplier add primary key(suppid);

Query OK, 0 rows affected (0.826 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table supplier add CONSTRAINT chk CHECK(suppid>900);

Query OK, 0 rows affected (1.432 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create user'Rajesh'@localhost identified by 'rajesh123';

Query OK, 0 rows affected (0.196 sec)

mysql> grant select on\*.\*to'Rajesh'@'localhost';

Query OK, 0 rows affected (0.251 sec)

mysql> create user'Mohit'@localhost identified by 'mohit123';

Query OK, 0 rows affected (0.298 sec)

mysql> grant select on inventory.\*to'Mohit'@'localhost';

Query OK, 0 rows affected (0.239 sec)

mysql> desc sale;

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

| Field | Type | Null | Key | Default | Extra |

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

| sid | int | YES | | NULL | |

| pid | int | YES | MUL | NULL | |

| quantity | int | YES | | NULL | |

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

3 rows in set (0.364 sec)

mysql> desc product;

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

| Field | Type | Null | Key | Default | Extra |

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

| pid | int | NO | PRI | NULL | |

| pname | varchar(20) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.035 sec)

mysql> desc supplier;

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

| Field | Type | Null | Key | Default | Extra |

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

| suppid | int | NO | PRI | NULL | |

| sname | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.029 sec)

**USER RAJESH:**

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C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -h localhost -u Rajesh -p

Enter password: \*\*\*\*\*\*\*\*\*

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owners.

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

mysql> use inventory;

Database changed

mysql> desc sale;

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

| Field | Type | Null | Key | Default | Extra |

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

| sid | int | YES | | NULL | |

| pid | int | YES | MUL | NULL | |

| quantity | int | YES | | NULL | |

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

3 rows in set (0.063 sec)

mysql> desc product;

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

| Field | Type | Null | Key | Default | Extra |

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

| pid | int | NO | PRI | NULL | |

| pname | varchar(20) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.033 sec)

mysql> desc supplier;

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

| Field | Type | Null | Key | Default | Extra |

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

| suppid | int | NO | PRI | NULL | |

| sname | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.035 sec)

mysql> show grants for'Rajesh'@localhost;

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

| Grants for Rajesh@localhost |

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

| GRANT SELECT ON \*.\* TO `Rajesh`@`localhost` |

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

1 row in set (0.011 sec)

**USER MOHIT:**

Microsoft Windows [Version 10.0.26100.4652]

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C:\Program Files\MySQL\MySQL Server 9.3\bin>mysql -h localhost -u Mohit -p

Enter password: \*\*\*\*\*\*\*\*

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owners.

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

mysql> use inventory;

Database changed

mysql> desc sale;

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

| Field | Type | Null | Key | Default | Extra |

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

| sid | int | YES | | NULL | |

| pid | int | YES | MUL | NULL | |

| quantity | int | YES | | NULL | |

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

3 rows in set (0.257 sec)

mysql> desc product;

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

| Field | Type | Null | Key | Default | Extra |

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

| pid | int | NO | PRI | NULL | |

| pname | varchar(20) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.027 sec)

mysql> desc supplier;

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

| Field | Type | Null | Key | Default | Extra |

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

| suppid | int | NO | PRI | NULL | |

| sname | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.028 sec)

mysql> show grants for'Mohit'@localhost;

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

| Grants for Mohit@localhost |

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

| GRANT USAGE ON \*.\* TO `Mohit`@`localhost` |

| GRANT SELECT ON `inventory`.\* TO `Mohit`@`localhost` |

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

2 rows in set (0.006 sec)

DML Operation on DB

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

mysql> use inventory;

Database changed

mysql> desc supplier;

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

| Field | Type | Null | Key | Default | Extra |

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

| suppid | int | NO | PRI | NULL | |

| sname | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

3 rows in set (0.055 sec)

mysql> insert into supplier(suppid,sname)values(1234,'lucky');

Query OK, 1 row affected (0.295 sec)

mysql> desc product;

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

| Field | Type | Null | Key | Default | Extra |

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

| pid | int | NO | PRI | NULL | |

| pname | varchar(20) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.033 sec)

mysql> desc sale;

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

| Field | Type | Null | Key | Default | Extra |

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

| sid | int | YES | | NULL | |

| pid | int | YES | MUL | NULL | |

| quantity | int | YES | | NULL | |

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

3 rows in set (0.031 sec)

mysql> insert into product(pid)values(104);

Query OK, 1 row affected (0.249 sec)