Microsoft Windows [Version 10.0.26100.4652]

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C:\Program Files\MySQL\MySQL Server 9.4\bin>mysql -h localhost -u root -p

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

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

Your MySQL connection id is 20

Server version: 9.4.0 MySQL Community Server - GPL

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

mysql> create database Inventory;

Query OK, 1 row affected (0.067 sec)

mysql> use inventory;

Database changed

mysql> create table product(

-> p\_id int primary key,

-> p\_name varchar(100),

-> price float

-> );

Query OK, 0 rows affected (0.267 sec)

mysql> create table sell(

-> s\_id int,

-> qty int,

-> p\_id int,

-> foreign key (p\_id) references product(p\_id)

-> );

Query OK, 0 rows affected (0.373 sec)

mysql> create table supplier(

-> supp\_id int,

-> supp\_name varchar(100),

-> supp\_address varchar(150)

-> );

Query OK, 0 rows affected (0.149 sec)

mysql> alter table supplier

-> add primary key (supp\_id);

Query OK, 0 rows affected (0.385 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create user 'Rajesh'@localhost identified by 'rajesh186';

Query OK, 0 rows affected (0.051 sec)

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

Query OK, 0 rows affected (0.042 sec)

mysql> create user 'Mohit'@localhost identified by 'mohit186';

Query OK, 0 rows affected (0.050 sec)

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

Query OK, 0 rows affected (0.041 sec)

mysql> desc product;

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

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

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

| p\_id | int | NO | PRI | NULL | |

| p\_name | varchar(100) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.061 sec)

mysql> desc sell;

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

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

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

| s\_id | int | YES | | NULL | |

| qty | int | YES | | NULL | |

| p\_id | int | YES | MUL | NULL | |

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

3 rows in set (0.015 sec)

mysql> desc supplier;

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

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

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

| supp\_id | int | NO | PRI | NULL | |

| supp\_name | varchar(100) | YES | | NULL | |

| supp\_address | varchar(150) | YES | | NULL | |

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

3 rows in set (0.013 sec)

mysql> alter table supplier add mail\_add varchar(100);

Query OK, 0 rows affected (0.273 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

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

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

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

| supp\_id | int | NO | PRI | NULL | |

| supp\_name | varchar(100) | YES | | NULL | |

| supp\_address | varchar(150) | YES | | NULL | |

| mail\_add | varchar(100) | YES | | NULL | |

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

4 rows in set (0.013 sec)

mysql> alter table supplier add constraint check(supp\_id>900);

Query OK, 0 rows affected (0.342 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

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

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

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

| supp\_id | int | NO | PRI | NULL | |

| supp\_name | varchar(100) | YES | | NULL | |

| supp\_address | varchar(150) | YES | | NULL | |

| mail\_add | varchar(100) | YES | | NULL | |

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

4 rows in set (0.013 sec)

**User Rajesh :**

C:\Program Files\MySQL\MySQL Server 9.4\bin>mysql -h localhost -u Rajesh -p

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

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Your MySQL connection id is 22

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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 product;

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

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

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

| p\_id | int | NO | PRI | NULL | |

| p\_name | varchar(100) | YES | | NULL | |

| price | float | YES | | NULL | |

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

3 rows in set (0.017 sec)

mysql> alter table product rename to manufacture;

ERROR 1142 (42000): DROP, ALTER command denied to user 'Rajesh'@'localhost' for table 'product'

mysql> show grants for 'Rajesh'@'localhost';

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

| Grants for Rajesh@localhost |

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

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

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

1 row in set (0.010 sec)

**User Mohit :**

C:\Program Files\MySQL\MySQL Server 9.4\bin>mysql -h localhost -u Mohit -p

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

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

Your MySQL connection id is 23

Server version: 9.4.0 MySQL Community Server - GPL

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owners.

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

mysql> use inventory;

Database changed

mysql> desc supplier;

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

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

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

| supp\_id | int | NO | PRI | NULL | |

| supp\_name | varchar(100) | YES | | NULL | |

| supp\_address | varchar(150) | YES | | NULL | |

| mail\_add | varchar(100) | YES | | NULL | |

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

4 rows in set (0.020 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 (0.005 sec)