Assignment 2

OUTPUT:-

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 11

Server version: 8.0.42 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 (0.04 sec)

mysql> use inventory;

Database changed

mysql> create table product(pid int primary key,pname varchar(30),price float);

Query OK, 0 rows affected (0.08 sec)

```
mysql> create table sales(sid int,pid int,qty int,FOREIGN KEY(pid)REFERENCES product
(pid));
Query OK, 0 rows affected (0.08 sec)


mysql> create table supplier(splid int,sname varchar(60),address varchar(80));
Query OK, 0 rows affected (0.04 sec)


mysql> alter table supplier add primary key(splid), add CONSTRAINT chk
CHECK(splid>900);
Query OK, 0 rows affected (0.07 sec)
Records: 0  Duplicates: 0  Warnings: 0


mysql> desc product;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| pid   | int         | NO   | PRI | NULL    |       |
| pname | varchar(30) | YES  |     | NULL    |       |
| price | float       | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
3 rows in set (0.04 sec)


mysql> desc sales;
+-------+------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+-------+------+------+-----+---------+-------+
| sid   | int  | YES  |     | NULL    |       |
| pid   | int  | YES  | MUL | NULL    |       |
| qty   | int  | YES  |     | NULL    |       |
```

```
+-------+------+------+-----+---------+-------+
```

3 rows in set (0.00 sec)

mysql> desc supplier;

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| splid   | int         | NO   | PRI | NULL    |       |
| sname   | varchar(60) | YES  |     | NULL    |       |
| address | varchar(80) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

3 rows in set (0.00 sec)

mysql> create user 'rajesh'@localhost identified by 'r123';

Query OK, 0 rows affected (0.05 sec)

mysql> grant select on inventory.*TO'rajesh'@localhost;

Query OK, 0 rows affected (0.04 sec)

mysql> create user 'mohit'@localhost identified by 'm123';

Query OK, 0 rows affected (0.05 sec)

mysql> grant all privileges on inventory.*TO'mohit'@localhost;

Query OK, 0 rows affected (0.04 sec)

USER MOHIT:-

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -h localhost -u mohit -p

Enter password: ****

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

Your MySQL connection id is 12

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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 product;
+-------+-------------+------+-----+---------+-------+
| Field | Type        | Null | Key | Default | Extra |
+-------+-------------+------+-----+---------+-------+
| pid   | int         | NO   | PRI | NULL    |       |
| pname | varchar(30) | YES  |     | NULL    |       |
| price | float       | YES  |     | NULL    |       |
+-------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> ddesc supplier;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'ddesc supplier' at line 1

mysql> desc supplier;

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| splid   | int         | NO   | PRI | NULL    |       |
| sname   | varchar(60) | YES  |     | NULL    |       |
| address | varchar(80) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

3 rows in set (0.00 sec)

mysql> alter table supplier add email varchar(50);

Query OK, 0 rows affected (0.11 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| splid   | int         | NO   | PRI | NULL    |       |
| sname   | varchar(60) | YES  |     | NULL    |       |
| address | varchar(80) | YES  |     | NULL    |       |
| email   | varchar(50) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

4 rows in set (0.00 sec)

USER RAJESH:-

Microsoft Windows [Version 10.0.26100.4652]

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C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -h localhost -u rajesh -p

Enter password: ****

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

Your MySQL connection id is 13

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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 |
+---------+-------------+------+-----+---------+-------+
| splid   | int         | NO   | PRI | NULL    |       |
| sname   | varchar(60) | YES  |     | NULL    |       |
| address | varchar(80) | YES  |     | NULL    |       |
| email   | varchar(50) | YES  |     | NULL    |       |
```

```
+---------+------------+------+-----+---------+-------+
```

4 rows in set (0.00 sec)

mysql> alter table supplier rename column supplier to provider;

ERROR 1142 (42000): ALTER command denied to user 'rajesh'@'localhost' for table 'supplier'

mysql> show grants for'rajesh'@localhost;

```
+------------------------------------------------------+
| Grants for rajesh@localhost                          |
+------------------------------------------------------+
| GRANT USAGE ON *.* TO `rajesh`@`localhost`           |
| GRANT SELECT ON `inventory`.* TO `rajesh`@`localhost` |
+------------------------------------------------------+
```

2 rows in set (0.00 sec)