ASSIGNMENT 2

OUTPUT-

Microsoft Windows [Version 10.0.22631.5189]

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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 9

Server version: 8.0.41 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 inventory;

Query OK, 1 row affected (0.10 sec)

mysql> use inventory;

Database changed

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

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 '' at line 1

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

Query OK, 0 rows affected (0.17 sec)

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mysql> create table sales(sid int,pid int,qty int,FOREIGN KEY(pid) REFERENCES product(pid));

Query OK, 0 rows affected (0.19 sec)

mysql> create table supplier(suppid int, sname varchar(50),address varchar(50));

Query OK, 0 rows affected (0.10 sec)

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

Query OK, 0 rows affected (0.51 sec)

Records: 0 Duplicates: 0 Warnings: 0

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

Query OK, 0 rows affected (0.36 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create user 'rohit'@localhost identified by 'rohit123';

Query OK, 0 rows affected (0.15 sec)

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

ERROR 1410 (42000): You are not allowed to create a user with GRANT

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

ERROR 1410 (42000): You are not allowed to create a user with GRANT

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

Query OK, 0 rows affected (0.03 sec)

mysql> create user 'mohit'@localhost identified by 'virat123';

Query OK, 0 rows affected (0.03 sec)

mysql> grant all privileges on *.* to 'virat'@'localhost';

Query OK, 0 rows affected (0.03 sec)

USER rohit-

Microsoft Windows [Version 10.0.22631.5189]

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

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

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

Your MySQL connection id is 10

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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    |       |
```

3

```
| sname   | varchar(50) | YES |    | NULL  |     |
| address | varchar(50) | YES |    | NULL  |     |
+---------+-------------+------+-----+---------+-------+
```

3 rows in set (0.04 sec)

mysql> alter table supplier rename column supplier to product_supply;

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

mysql> show grants for 'rohit'@localhost;

```
+--------------------------------------------+
| Grants for rohit@localhost            |
+--------------------------------------------+
| GRANT SELECT ON *.* TO `rohit`@`localhost` |
+--------------------------------------------+
```

1 row in set (0.00 sec)

User virat-

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

Enter password: ********

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

Your MySQL connection id is 13

Server version: 8.0.41 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 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 (0.00 sec)

mysql> desc supplier;

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

3 rows in set (0.00 sec)

mysql> alter table supplier add email varchar(40);

Query OK, 0 rows affected (0.12 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc supplier;

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| suppid  | int         | NO   | PRI | NULL    |       |
| sname   | varchar(50) | YES  |     | NULL    |       |
| address | varchar(50) | YES  |     | NULL    |       |
| email   | varchar(40) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

4 rows in set (0.00 sec)