Name: Vishal Rajesh Mahajan
Roll No:68 SE INFT A
EXP NO: 7

1.Creating user in database

2.Using SELECT to view users in Database.
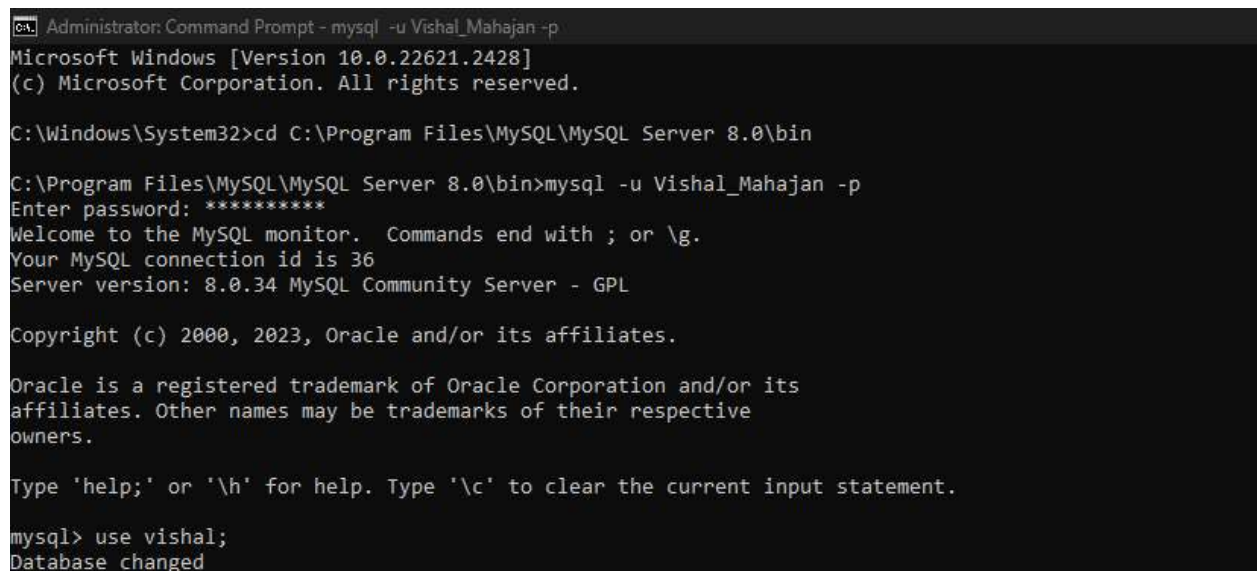
3.Granting All Access to the New User


```
SQL 7*   ×

1 •    create user 'Vishal_Mahajan' identified by 'Vishal@123';
2 •    select user from mysql.user;
3 •    grant all on *.* to Vishal_Mahajan;
```

Output

Action Output ▾

#	Time	Action	Message
●	1 03:01:56	create user 'Vishal_Mahajan' identified by 'Vishal@123'	0 row(s) affected
●	2 03:02:47	select user from mysql.user LIMIT 0, 1000	5 row(s) returned
●	3 03:04:42	grant all on *.* to Vishal_Mahajan	0 row(s) affected

4.CHECK IF user got access or not


```
Administrator: Command Prompt - mysql  -u Vishal_Mahajan -p
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd C:\Program Files\MySQL\MySQL Server 8.0\bin

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u Vishal_Mahajan -p
Enter password: ***********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 36
Server version: 8.0.34 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 vishal;
Database changed
```

```
mysql> show tables;
+---------------------+
| Tables_in_vishal    |
+---------------------+
| courses             |
| customers           |
| department          |
| employee            |
| orders              |
| students            |
| view_customer_order |
| view_customer_order1|
| view_order          |
+---------------------+
9 rows in set (0.01 sec)

mysql> select* from customers;
+-------------+------------+
| customer_id | first_name |
+-------------+------------+
|           1 | Vishal     |
|           2 | Joseph     |
|           3 | Shubham    |
|           4 | Ezekiel    |
|           5 | Semira     |
+-------------+------------+
5 rows in set (0.00 sec)

mysql>
```

5. Revoking Access from Vishal_Mahajan

```
revoke all on *.* from Vishal_Mahajan;
```

Output

Action Output ▾

#	Time	Action	Message
✓ 1	03:10:33	revoke all on *.* from Vishal_Mahajan	0 row(s) affected

6.Checking If User Vishal_Mahajan Can access the database


```
Administrator: Command Prompt - mysql  -u Vishal_Mahajan -p

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u Vishal_Mahajan -p
Enter password: **********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 39
Server version: 8.0.34 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 vishal;
ERROR 1044 (42000): Access denied for user 'Vishal_Mahajan'@'%' to database 'vishal'
mysql>
```