

The screenshot shows an IDE with a dark theme. On the left, the 'Database Explorer' panel shows a tree view of a database named 'abباسdb' with various tables and views. The main editor area contains a SQL script with the following commands:

```
1 SELECT user FROM mysql.user;
2
3 create user 'abbاس'@'localhost';
4
5 alter user 'abbاس'@'localhost' identified by '12345678';
6
7 drop user 'abbاس'@'localhost';
8
9 SYSTEM MYSQL -u abbاس -p 12345678;
10
11 SELECT CURRENT USER();
```

Below the editor, the 'Services' panel shows a list of services, including 'console\_1' which is highlighted. The 'Output' panel at the bottom shows the results of the SQL commands:

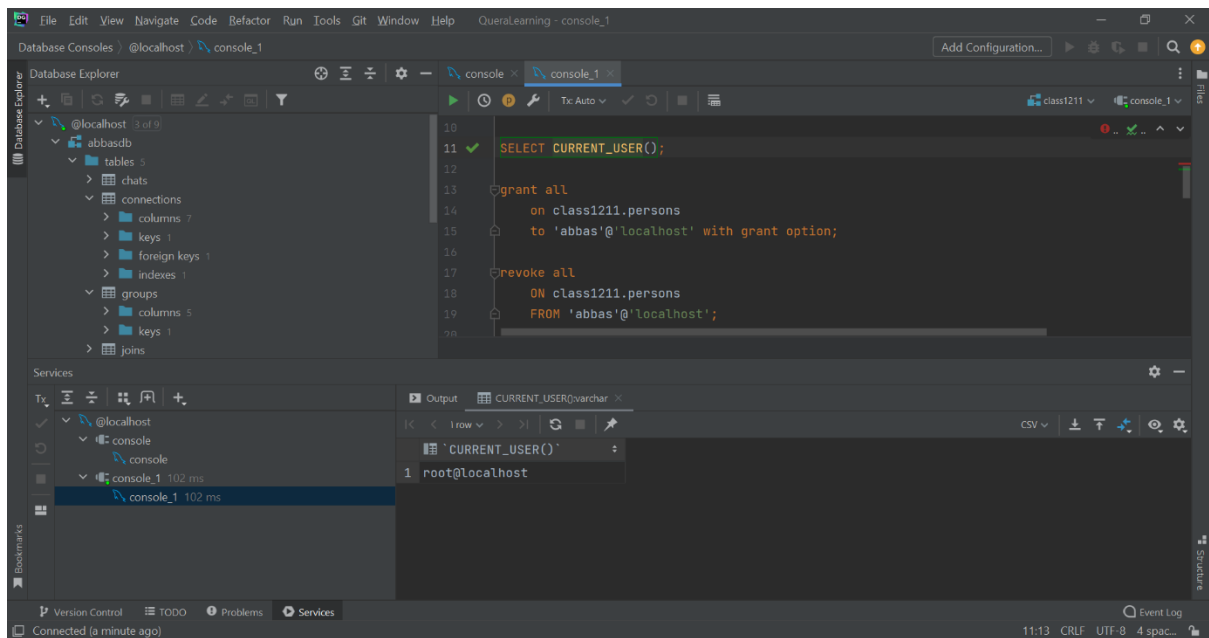
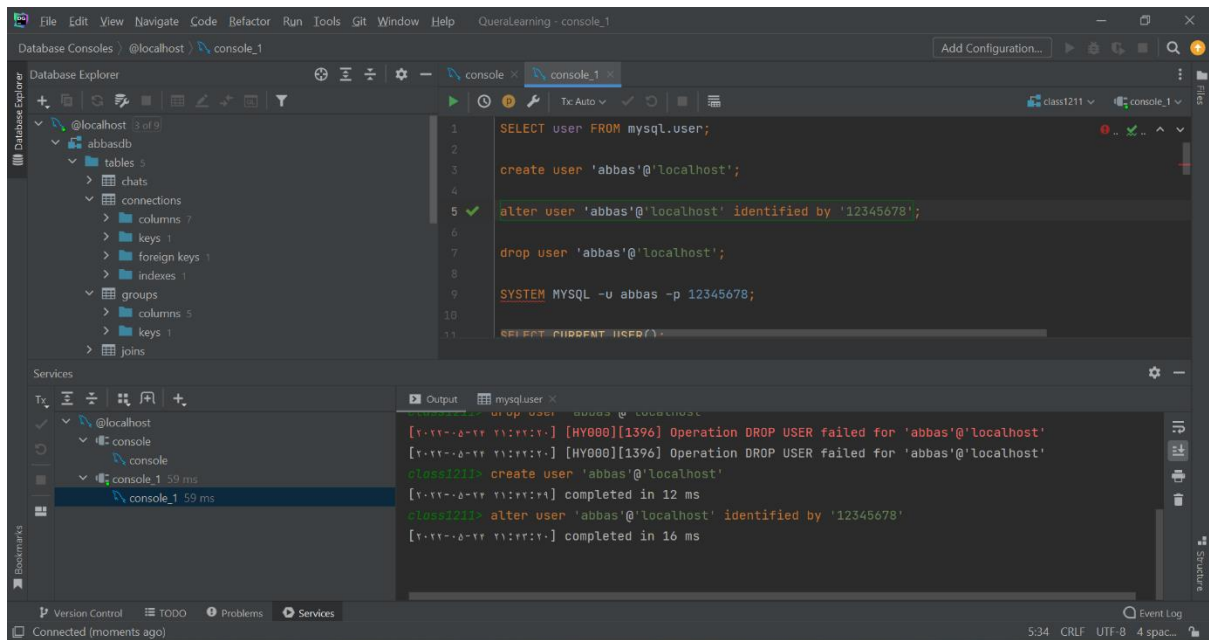
```
user
1 abbاس
2 abbاس
3 mysql.infoschema
4 mysql.session
5 mysql.sys
6 root
```

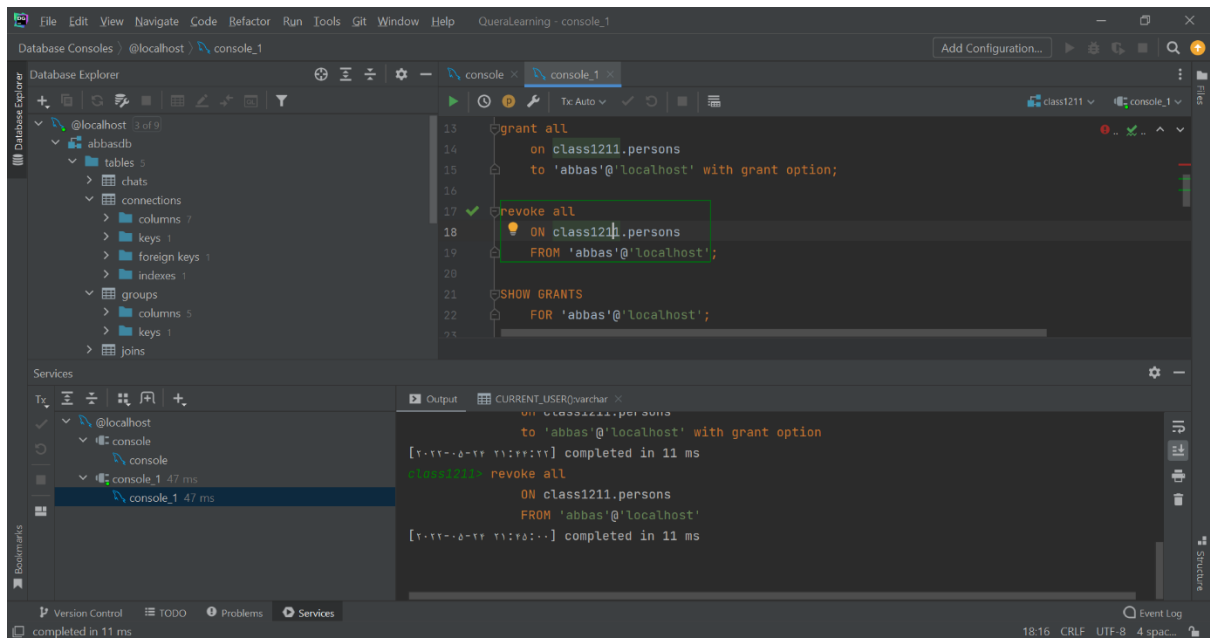
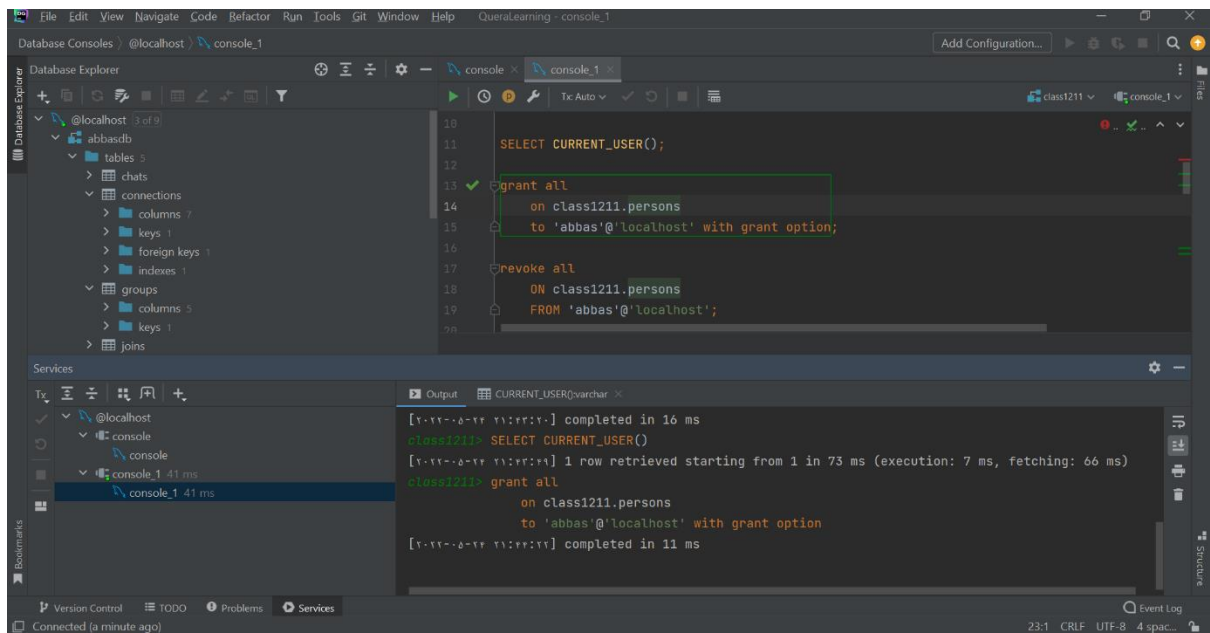
This screenshot shows the same IDE as the first one, but with a different SQL script and output. The SQL script in the editor is:

```
1 SELECT user FROM mysql.user;
2
3 create user 'abbاس'@'localhost';
4
5 alter user 'abbاس'@'localhost' identified by '12345678';
6
7 drop user 'abbاس'@'localhost';
8
9 SYSTEM MYSQL -u abbاس -p 12345678;
10
11 SELECT CURRENT USER();
```

The 'Output' panel shows the execution results, including error messages for the DROP USER command:

```
class1211> SELECT user FROM mysql.user
[2022-08-22 11:22:18] 5 rows retrieved starting from 1 in 43 ms (execution: 9 ms, fetching: 34 ms)
class1211> drop user 'abbاس'@'localhost'
[2022-08-22 11:22:19] [HY000][1396] Operation DROP USER failed for 'abbاس'@'localhost'
[2022-08-22 11:22:19] [HY000][1396] Operation DROP USER failed for 'abbاس'@'localhost'
class1211> create user 'abbاس'@'localhost'
[2022-08-22 11:22:19] completed in 12 ms
```





Database Consoles | @localhost | console\_1

Database Explorer

- @localhost 3 of 9
  - abباسdb
    - tables 5
      - chats
      - connections
      - columns 7
      - keys 1
      - foreign keys 1
      - indexes 1
    - groups
      - columns 5
      - keys 1
    - joins

```
16 revoke all
17 ON class1211.persons
18 FROM 'abbاس'@'localhost';
20
21 SHOW GRANTS
22 FOR 'abbاس'@'localhost';
23
24 SELECT *
25 FROM 'INFORMATION_SCHEMA'.TABLE_PRIVILEGES
26 WHERE TABLE_SCHEMA = 'class1211' AND TABLE_NAME = 'persons';
```

Services

- @localhost
  - console
  - console\_1 88 ms
  - console\_1 88 ms

Output

Result 10

Grants for abباس@localhost

```
1 GRANT USAGE ON *.* TO 'abbاس'@'localhost'
2 GRANT USAGE ON 'class1211'.persons TO 'abbاس'@'localhost' WITH GRANT OPTION
```

Version Control | TODO | Problems | Services

Connected (2 minutes ago)

21:12 CRLF UTF-8 4 spac...

Database Consoles | @localhost | console\_1

Database Explorer

- @localhost 3 of 9
  - abباسdb
    - tables 5
      - chats
      - connections
      - columns 7
      - keys 1
      - foreign keys 1
      - indexes 1
    - groups
      - columns 5
      - keys 1
    - joins

```
22 FOR 'abbاس'@'localhost';
23
24 SELECT *
25 FROM INFORMATION_SCHEMA.TABLE_PRIVILEGES
26 WHERE TABLE_SCHEMA='class1211' AND TABLE_NAME = 'persons';
27
28 # CREATE TABLE person (
29 # personID INT UNSIGNED NOT NULL AUTO_INCREMENT,
30 # last_name VARCHAR(255) NOT NULL,
31 # first_name VARCHAR(255) NOT NULL,
32 # BORN DATE NOT NULL
33 );
```

Services

- @localhost
  - console
  - console\_1 114 ms
  - console\_1 114 ms

Output

information\_schema.TABLE\_PRIVILEGES

GRANTEE	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	PRIVILEGE_TYPE	IS_GRANTABLE
'abbاس'@'localhost'	def	class1211	persons	USAGE	YES

1 row retrieved starting from 1 in 78 ms (execution: 8 ms, fetching: 70 ms)

Version Control | TODO | Problems | Services

25:41 CRLF UTF-8 4 spac...

File Edit View Navigate Code Refactor Run Tools Git Window Help Queralearning - console\_1

Database Consoles @localhost console\_1

Database Explorer

- @localhost 3 of 9
  - abباسdb
    - tables 5
      - chats
      - connections
        - columns 7
        - keys 1
        - foreign keys 1
        - indexes 1
      - groups
        - columns 5
        - keys 1
      - joins

```
22 FOR 'abbas'@'localhost';
23
24 SELECT *
25 FROM INFORMATION_SCHEMA.TABLE_PRIVILEGES
26 WHERE TABLE_SCHEMA='class1211' AND TABLE_NAME = 'persons';
27
28 # CREATE TABLE person (
29 # personID INT UNSIGNED NOT NULL AUTO_INCREMENT,
30 # last_name VARCHAR(255) NOT NULL,
31 # first_name VARCHAR(255) NOT NULL,
32 # birth_date DATE NOT NULL;
```

Services

Output information\_schema.TABLE\_PRIVILEGES

	GRANTEE	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	PRIVILEGE_TYPE	IS_GRANTABLE
1	'abbas'@'localhost'	def	class1211	persons	USAGE	YES

1 row retrieved starting from 1 in 78 ms (execution: 8 ms, fetching: 70 ms)

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