

LAB TASK 9

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19P-0067

SEC 4A

Task 1

```
MariaDB [(none)]> create user 'abdullah'@'localhost' identified by 'zero';
Query OK, 0 rows affected (0.083 sec)
```

Task2

Part_1

```
MariaDB [(none)]> grant select on themepark.employee to 'abdullah'@'localhost';
Query OK, 0 rows affected (0.029 sec)
```

Part_2

```
MariaDB [themepark_online]> grant all on themepark.emp_worked to 'abdullah'@'localhost';
Query OK, 0 rows affected (0.110 sec)

MariaDB [themepark_online]>
```

Part_3

```
MariaDB [themepark_online]> grant all privileges on employees.* to "abdullah"@"localhost";
Query OK, 0 rows affected (0.030 sec)
```

Part_4

```
MariaDB [themepark_online]> grant create on *.* to "abdullah"@"localhost";
Query OK, 0 rows affected (0.021 sec)
```

TASK3

```
MariaDB [themepark_online]> Revoke all privileges on themepark.emp_worked from "abdullah"@"localhost";
Query OK, 0 rows affected (0.025 sec)
```

TASK4

```
MariaDB [themepark_online]> grant insert on themepark.ticket to "abdullah"@"localhost"
-> ;
Query OK, 0 rows affected (0.112 sec)
```

TASK(B)

```
MariaDB [themepark_online]> grant grant option on themepark_online.ticket to "abdullah"@"localhost";
Query OK, 0 rows affected (0.088 sec)
```

TASK 5

We shall be using themepark database in order to demonstrate the TCL commands.

```
MariaDB [themepark_online]> select* from employee where emp_num=102;
```

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
102	Mr	Arshad	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001

```
1 row in set (0.000 sec)
```

```
MariaDB [themepark_online]> rollback  
->  
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [themepark_online]> select* from employee where emp_num=102;
```

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
102	Mr	Arshad	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001

```
1 row in set (0.000 sec)
```

```
MariaDB [themepark_online]> update employee set emp_fname="Charlize" where emp_num=100;  
Query OK, 1 row affected (0.019 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> update employee set emp_area_code=6969 where emp_num=101;  
Query OK, 1 row affected (0.000 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> update employee set emp_lname="Theron" where emp_num=100;  
Query OK, 1 row affected (0.015 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> update employee set emp_lname="Lesnar" where emp_num=102;savepoint alpha;  
Query OK, 1 row affected (0.000 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [themepark_online]> select from employee;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employ  
ee' at line 1  
MariaDB [themepark_online]> select *from employee;
```

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
100	Ms	Theron	Charlize	1972-06-15	1992-03-15	0181	324-9134	FR1001
101	Ms	Ricardo	Marshal	1978-03-19	1996-04-25	6969	324-4472	UK3452
102	Mr	Lesnar	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001
103	Ms	Roberts	Anne	1974-10-16	1994-08-16	0181	898-3456	UK3452
104	Mr	Denver	Enrica	1980-11-08	2001-10-20	7253	504-4434	ZA1342
105	Ms	Namowa	Mirrelle	1990-03-14	2006-11-08	0181	890-3243	FR1001
106	Mrs	Smith	Gemma	1968-02-12	1989-01-05	0181	324-7845	ZA1342

```
7 rows in set (0.000 sec)
```

```
MariaDB [themepark_online]> update employee set emp_area_code=0000 where emp_num=100;  
Query OK, 1 row affected (0.000 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> update employee set emp_fname="Shakeela" where emp_num=104;  
Query OK, 1 row affected (0.000 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> update employee set emp_title="Mr" where emp_num=106;  
Query OK, 1 row affected (0.000 sec)  
Rows matched: 1 Changed: 1 Warnings: 0
```

```
MariaDB [themepark_online]> select from employee;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'from employ  
ee' at line 1  
MariaDB [themepark_online]> select *from employee;
```

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
100	Ms	Theron	Charlize	1972-06-15	1992-03-15	0	324-9134	FR1001
101	Ms	Ricardo	Marshal	1978-03-19	1996-04-25	6969	324-4472	UK3452
102	Mr	Lesnar	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001
103	Ms	Roberts	Anne	1974-10-16	1994-08-16	0181	898-3456	UK3452
104	Mr	Denver	Shakeela	1980-11-08	2001-10-20	7253	504-4434	ZA1342
105	Ms	Namowa	Mirrelle	1990-03-14	2006-11-08	0181	890-3243	FR1001
106	Mr	Smith	Gemma	1968-02-12	1989-01-05	0181	324-7845	ZA1342

```
7 rows in set (0.000 sec)
```

```
MariaDB [themepark_online]> rollback to alpha;  
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [themepark_online]> select *from employee;
```

EMP_NUM	EMP_TITLE	EMP_LNAME	EMP_FNAME	EMP_DOB	EMP_HIRE_DATE	EMP_AREA_CODE	EMP_PHONE	PARK_CODE
100	Ms	Theron	Charlize	1972-06-15	1992-03-15	0181	324-9134	FR1001
101	Ms	Ricardo	Marshal	1978-03-19	1996-04-25	6969	324-4472	UK3452
102	Mr	Lesnar	Arif	1969-11-14	1990-12-20	7253	675-8993	FR1001
103	Ms	Roberts	Anne	1974-10-16	1994-08-16	0181	898-3456	UK3452
104	Mr	Denver	Enrica	1980-11-08	2001-10-20	7253	504-4434	ZA1342
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106	Mrs	Smith	Gemma	1968-02-12	1989-01-05	0181	324-7845	ZA1342

```
7 rows in set (0.000 sec)
```

```
MariaDB [themepark_online]>
```