



**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

**Batch: A1**

**Roll No.:**

**16010120015**

**16010120006**

**16010120018**

**Experiment / assignment / tutorial No. 8()**

**Grade: AA / AB / BB / BC / CC / CD /DD**

**Title:** Implementing DCL/TCL

**Creating a user**

CREATE USER USRS WITH PASSWORD 'DATA1234';

```
482 CREATE USER USRS WITH PASSWORD 'DATA1234';
483
```

Data Output Explain Messages Notifications

CREATE ROLE

Query returned successfully in 90 msec.

**Grant access:**

GRANT ALL PRIVILEGES ON ITEMS TO USERS;

```
474 CREATE USER USERS WITH PASSWORD 'DATA1234';
475
476 GRANT ALL PRIVILEGES ON ITEMS TO USERS;
477
478
```

Data Output Explain Messages Notifications

GRANT

Query returned successfully in 32 msec.

**REVOKE**



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REVOKE ALL ON DEP FROM USERS;

```
479 REVOKE ALL ON DEP FROM USERS;
480
481
482
```

Data Output Explain Messages Notifications

REVOKE

Query returned successfully in 315 msec.

### **TCL COMMANDS**

BEGIN;

INSERT INTO DEP VALUES ('1603','11614');

SAVEPOINT save\_point;

INSERT INTO DEP VALUES ('1609','11614');

ROLLBACK TO SAVEPOINT save\_point;

INSERT INTO DEP VALUES ('1610','11611');

COMMIT;

```
464 BEGIN;
465     INSERT INTO DEP VALUES ('1603','11614');
466     SAVEPOINT save_point;
467     INSERT INTO DEP VALUES ('1609','11614');
468     ROLLBACK TO SAVEPOINT save_point;
469     INSERT INTO DEP VALUES ('1610','11611');
470 COMMIT;
471
```

Data Output Explain Messages Notifications

COMMIT

Query returned successfully in 33 msec.

### **CHANGE IN TH TABLE**



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Value inserted in 6<sup>th</sup> and 7<sup>th</sup> Position .

482

SELECT \* FROM DEP

Data Output

Explain

Messages

Notifications

	<div>dssno</div> <div>integer</div>	<div>dep_no</div> <div>integer</div>	
1	1601	11601	
2	1602	11602	
3	1603	11603	
4	1604	11604	
5	1605	11605	
6	1603	11614	
7	1610	11611	