

TCL ;

table :

```
Database changed
mysql> select * from p;
+-----+-----+
| name  | roll |
+-----+-----+
| prince | 69   |
+-----+-----+
1 row in set (0.00 sec)
```

Commit:

```
mysql> insert into p(name,roll) values('pg',699);
Query OK, 1 row affected (0.01 sec)

mysql> commit;
Query OK, 0 rows affected (0.00 sec)

mysql> select * from p;
+-----+-----+
| name  | roll |
+-----+-----+
| prince | 69   |
| pg    | 699  |
+-----+-----+
```

Rollback;

```
mysql> update p set name='prince' where name='pri';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from p;
+-----+-----+
| name  | roll |
+-----+-----+
| prince | 69   |
| pg    | 699  |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> rollback;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> select * from p;
+-----+-----+
| name  | roll |
+-----+-----+
| pri   | 69   |
| pg    | 699  |
+-----+-----+
2 rows in set (0.00 sec)
```

User creation & Grant command :

```
mysql> create user 'pri2'@'localhost' identified by 'comp'
-> ;
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql> create user 'pri2'@'localhost' identified by 'Prince@55';
Query OK, 0 rows affected (0.00 sec)

mysql> grant select,insert on prince.p to 'pri2'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> insert into prince.p (name,roll) values('prince',69);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> grant all privileges on prince.* to 'pri2'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> show grant for 'pri2'@'localhost';
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 'grant
for 'pri2'@'localhost'' at line 1
mysql> show grants for 'pri2'@'localhost';
+-----+-----+
| Grants for pri2@localhost |
+-----+-----+
| GRANT USAGE ON *.* TO 'pri2'@'localhost' |
| GRANT ALL PRIVILEGES ON 'prince'.* TO 'pri2'@'localhost' |
| GRANT SELECT, INSERT ON 'prince'.'p' TO 'pri2'@'localhost' |
+-----+-----+
```

Revoke Command :

```
mysql> show grants for 'pri2'@'localhost';
+-----+
| Grants for pri2@localhost |
+-----+
| GRANT USAGE ON *.* TO 'pri2'@'localhost' |
| GRANT ALL PRIVILEGES ON `prince`.* TO 'pri2'@'localhost' |
| GRANT SELECT, INSERT ON `prince`.`p` TO 'pri2'@'localhost' |
+-----+
3 rows in set (0.00 sec)
```

```
mysql> revoke all privileges on prince.* from 'pri2'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> show grants for 'pri2'@'localhost';
+-----+
| Grants for pri2@localhost |
+-----+
| GRANT USAGE ON *.* TO 'pri2'@'localhost' |
| GRANT SELECT, INSERT ON `prince`.`p` TO 'pri2'@'localhost' |
+-----+
2 rows in set (0.00 sec)
```