PRIVILEGES

```
use mysql;

mysql> create user scott@localhost identified by 'cdac';

mysql> create database usa;

mysql> use usa;
Database changed

mysql> create table demo(no int,name varchar(15));
Query OK, 0 rows affected (1.17 sec)

mysql> insert into demo values(1,"abhi"),
    -> (2,"parth");
Query OK, 2 rows affected (0.17 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> select * from demo;
+------+-------+
| no   | name  |
+------+-------+
|    1 | abhi  |
|    2 | parth |


mysql> grant select,delete,update  on usa.demo to scott@localhost;
Query OK, 0 rows affected (0.20 sec)

mysql> alter table demo add column salary float;
ERROR 1142 (42000): ALTER command denied to user 'scott'@'localhost' for table
'demo'
//only delete,select,update permissions given to scott user
**************************************************
in root user;

mysql> use ass1;
Database changed
mysql> show tables;
+----------------+
| Tables_in_ass1 |
+----------------+
| customers      |
| dept           |
| depthead       |
| emp            |
| emp1           |
| emp2           |
| orders         |
| project        |
| project_emp    |
| salespeople    |
| v1             |
+----------------+
11 rows in set (0.00 sec)

mysql> select * from customers;
+------+----------+----------+--------+------+
| Cnum | Cname    | City     | Rating | Snum |
+------+----------+----------+--------+------+
| 2001 | Hoffman  | London   |    100 | 1001 |
| 2002 | Giovanni | Rome     |    200 | 1003 |
| 2003 | Liu      | San Jose |    200 | 1002 |
```

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| 2004 | Grass    | Berlin   |    300 | 1002 |
| 2006 | Clemens  | London   |    100 | 1001 |
| 2008 | Cisneros | San Jose |    300 | 1007 |
| 2007 | Pereira  | Rome     |    100 | 1004 |
+------+----------+----------+--------+------+
7 rows in set (0.12 sec)

mysql> grant select on ass1.customers to scott@localhost;
Query OK, 0 rows affected (0.28 sec)

in scott user:

mysql> use ass1;
Database changed
mysql> show tables;
+----------------+
| Tables_in_ass1 |
+----------------+
| customers      |
+----------------+
1 row in set (0.11 sec)

mysql> select * from customers;
+------+----------+----------+--------+------+
| Cnum | Cname    | City     | Rating | Snum |
+------+----------+----------+--------+------+
| 2001 | Hoffman  | London   |    100 | 1001 |
| 2002 | Giovanni | Rome     |    200 | 1003 |
| 2003 | Liu      | San Jose |    200 | 1002 |
| 2004 | Grass    | Berlin   |    300 | 1002 |
| 2006 | Clemens  | London   |    100 | 1001 |
| 2008 | Cisneros | San Jose |    300 | 1007 |
| 2007 | Pereira  | Rome     |    100 | 1004 |
+------+----------+----------+--------+------+
7 rows in set (0.00 sec)

mysql> delete from customers;
ERROR 1142 (42000): DELETE command denied to user 'scott'@'localhost' for table
'customers'

*********************************************
in root :

mysql> grant insert on ass1.customers to scott@localhost;
Query OK, 0 rows affected (0.20 sec)

in scott@localhost:

mysql> update customers set Snum=10 where cCum=2004 ;
ERROR 1142 (42000): UPDATE command denied to user 'scott'@'localhost' for table
'customers'

***********************************************
revoke:

take insert permsision from scott:
mysql> revoke insert on ass1.customers from scott@localhost;

take all permissions from scott user:
mysql> revoke all privileges on ass1.customers from scott@localhost;

***********************************************
grant all privileges on usa.* to scott@localhost;
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