

Assignment - 21

Grant and Revoke

Q1. Give Amit the right to change the ratings of the customers.

Ans.

```
root>create user amit@localhost identified by 'manager';  
Query OK, 0 rows affected (0.89 sec)
```

```
root>grant select,update on mysql.customers to amit@localhost;  
Query OK, 0 rows affected (0.14 sec)
```

Q2. Give Manoj the right to give other users the right to query the Orders table.

Ans.

```
root>create user manoj@localhost identified by 'manager';  
Query OK, 0 rows affected (0.23 sec)
```

```
root>grant all privileges on mysql.orders to manoj@localhost;  
Query OK, 0 rows affected (0.47 sec)
```

Q3. Take the INSERT privilege on Salespeople away from Ajita.

Ans.

```
root>revoke insert on mysql.salespeople from ajita@localhost;  
Query OK, 0 rows affected (0.10 sec)
```

Q4. Grant Abhijeet the right to insert or update the Customers table while keeping her possible rating values in the range of 100 to 500.

Ans.

```

root>create view v8
-> as
-> select * from customers
-> where rating between 100 and 500
-> with check option;
Query OK, 0 rows affected (0.71 sec)

root>grant select, update, insert on mysql.v8 to abhijeet@localhost;
Query OK, 0 rows affected (0.07 sec)

```

Q5. Allow Vikram to query the Customers table, but restrict his access to those customers whose rating is the lowest.

Ans.

```

root>create view v7
-> as
-> select * from customers
-> where rating = (select min(rating) from customers);
Query OK, 0 rows affected (0.09 sec)

root>select * from v7;
+-----+-----+-----+-----+-----+
| Cnum | Cname  | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | HOFFMAN | London | 100    | 1001 |
| 2006 | CLEMENS | London | 100    | 1001 |
+-----+-----+-----+-----+-----+
2 rows in set (0.05 sec)

root>grant select on mysql.v7 to vikram@localhost;
Query OK, 0 rows affected (0.07 sec)

```