***Assignment - 21***

**Grant and Revoke.**

1. Give Amit the right to change the ratings of the customers.
2. Ans: Grant update on customers to amit;

2.REVOKE UPDATE ON customers FROM Amit;

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

Ans:

GRANT SELECT ON ORDERS TO 'manoj'@'localhost' WITH GRANT OPTION;

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

Ans: REVOKE INSERT ON SALESPEOPLES FROM 'ajita'@'localhost';

1. 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: CREATE VIEW Customers\_Rating\_RANGE AS

SELECT \* FROM CUSTOMERS

WHERE RATING BETWEEN 100 AND 500;

GRANT INSERT, UPDATE ON Customers\_Rating\_RANGE TO 'abhijit'@'localhost';

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

Ans: CREATE VIEW LOWEST\_RATING\_CUSTOMERS AS

SELECT \* FROM CUSTOMERS

WHERE RATING < (SELECT MIN(RATING) FROM CUSTOMERS);

GRANT SELECT ON LOWEST\_RATING\_CUSTOMERS TO 'vikram'@'localhost';