Assignment – 21

Grant and Revoke.

1) Give Amit the right to change the ratings of the customers.
GRANTUPDATE ON customers TO Amit ; --Grant succeeded
 REVOKEUPDATE ON customersFROM Amit ; --Revoke succeeded.

2) Give Manoj the right to give other users the right to query the Orders table.
GRANTSELECT ON orders TO Manoj WITH GRANT OPTION; --Grant succeeded.
 GRANTSELECT ON Manoj.orders TO Seema; --Grant succeeded.
 GRANTUPDATE ON Manoj.orders TO Seema; --insufficient privileges

3) Take the INSERT privilege on Salespeople away from Ajita.
REVOKEINSERT ON salespeopleFROM Ajita;

4) Grant Abhijeet the right to insert or update the Customers table while keeping her possible rating values in the range of 100 to 500.
CREATE OR REPLACE VIEW range 100 ASSELECT * FROM customers WHERE rating BETWEEN 100 AND 500 WITH CHECK OPTION;

```
W1_89793_Saurabh>CREATE OR REPLACE VIEW range100 AS
    -> SELECT *
    -> FROM customers
    -> WHERE rating BETWEEN 100 AND 500 WITH CHECK OPTION;
Query OK, 0 rows affected (0.02 sec)
```

 --View created.

 GRANTUPDATE ON range100 TO Ajita;
INSERT INTO range100VALUES(3000,
    'rakesh',
    'bikaner',
    700,
    7888);

INSERT INTO range100VALUES(3000,
    'rakesh',
    'bikaner',
    700,
    7888);

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

CREATE OR REPLACE VIEW restrictmin ASSELECT *FROM customersWHERE rating NOT IN (SELECT min(rating)FROM customers);
 --View created.
 GRANTSELECT ON restrictmin TO Vikaram;