Assignment - 21
Grant and Revoke.

1) Give Amit the right to change the ratings of the customers.
GRANT
UPDATE ON customers TO Amit ;

 --Grant succeeded
 REVOKE
UPDATE ON customers
FROM Amit ;

2) Give Manoj the right to give other users the right to query the Orders table.
GRANT
SELECT ON orders TO Manoj WITH GRANT OPTION;

 --Grant succeeded.
 GRANT
SELECT ON Manoj.orders TO Seema;

 --Grant succeeded.
 GRANT
UPDATE ON Manoj.orders TO Seema;

 --insufficient privileges

3) Take the INSERT privilege on Salespeople away from Ajita.
   REVOKE
   INSERT ON salespeople
   FROM 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 range100 AS
SELECT *
FROM customers
WHERE rating BETWEEN 100 AND 500 WITH CHECK OPTION;

 --View created.
 GRANT
UPDATE ON range100 TO Ajita;

INSERT INTO range100

```
VALUES(3000,
    'rakesh',
    'bikaner',
    700,
    7888);

INSERT INTO range100
VALUES(3000,
    'rakesh',
    'bikaner',
    700,
    7888) -- *
--ERROR at line 1:
--ORA-01402: view WITH CHECK OPTION where-clause violation
```

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 AS
SELECT *
FROM customers
WHERE rating NOT IN
    (SELECT min(rating)
     FROM customers);

--View created.
GRANT
SELECT ON restrictmin TO Vikaram;
```