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;