Adrian Grimm

Chapter 13 Hands On Assignment

1.

CREATE VIEW contact

AS SELECT contact, phone

FROM Publisher

WITH READ ONLY;

2.

CREATE OR REPLACE VIEW contact

AS SELECT contact, phone

FROM Publisher;

3.

CREATE FORCE VIEW homework13

AS SELECT col1, col2

FROM firstattempt

WITH READ ONLY:

4.

SELECT \*

FROM homework13;

5.

CREATE VIEW reorderinfo

AS SELECT isbn, title, contact, phone

FROM books JOIN publisher USING (pubid)

WITH READ ONLY;

6.

UPDATE reorderinfo

SET contact = 'Adrian Grimm'

WHERE contact = 'DAVID DAVIDSON';

**Error:**

**Error at Command Line : 2 Column : 5**

**Error report -**

**SQL Error: ORA-01779: cannot modify a column which maps to a non key-preserved table**

**01779. 00000 - "cannot modify a column which maps to a non key-preserved table"**

**\*Cause: An attempt was made to insert or update columns of a join view which**

**map to a non-key-preserved table.**

**\*Action: Modify the underlying base tables directly.**

7.

UPDATE reorderinfo

SET isbn = '2147428390'

WHERE isbn = '2147428890';

**Error:**

**Error at Command Line : 2 Column : 5**

**Error report -**

**SQL Error: ORA-42399: cannot perform a DML operation on a read-only view**

**42399.0000 - "cannot perform a DML operation on a read-only view"**

8.

DELETE FROM reorderinfo

WHERE contact = 'DAVID DAVIDSON';

**Error at Command Line : 1 Column : 13**

**Error report -**

**SQL Error: ORA-42399: cannot perform a DML operation on a read-only view**

**42399.0000 - "cannot perform a DML operation on a read-only view"**

9.

ROLLBACK;

10.

DROP VIEW reorderinfo;