

Renee Ammerman
ITDB 1400
10/05/20
Lab Ch 13

1.
CREATE VIEW contact
AS SELECT contact, phone
FROM publisher;

Output:
View CONTACT created.

CONTACT	PHONE

TOMMIE SEYMOUR	000-714-8321
JANE TOMLIN	010-410-0010
DAVID DAVIDSON	800-555-1211
RENEE SMITH	800-555-9743
SEBASTIAN JONES	800-555-8284

2.
CREATE OR REPLACE VIEW contact
AS SELECT contact, phone
FROM publisher
WITH READ ONLY;

SELECT * FROM contact;

Output:
View CONTACT created.

CONTACT	PHONE

TOMMIE SEYMOUR	000-714-8321
JANE TOMLIN	010-410-0010
DAVID DAVIDSON	800-555-1211
RENEE SMITH	800-555-9743
SEBASTIAN JONES	800-555-8284

5.
CREATE OR REPLACE VIEW reorderinfo
AS SELECT isbn, title, contact, phone
FROM books JOIN publisher USING (pubid);

SELECT * FROM reorderinfo;

Output:
View REORDERINFO created.

ISBN	TITLE	CONTACT	PHONE

0401140733	REVENGE OF MICKEY	TOMMIE SEYMOUR	000-714-8321
9247381001	HOW TO MANAGE THE MANAGER	TOMMIE SEYMOUR	000-714-8321
9959789321	E-BUSINESS THE EASY WAY	JANE TOMLIN	010-410-0010
4981341710	BUILDING A CAR WITH TOOTHPICKS	JANE TOMLIN	010-410-0010
3957136468	HOLY GRAIL OF ORACLE	DAVID DAVIDSON	800-555-1211
8843172113	DATABASE IMPLEMENTATION	DAVID DAVIDSON	800-555-1211
1915762492	HANDCRANKED COMPUTERS	DAVID DAVIDSON	800-555-1211
3437212490	COOKING WITH MUSHROOMS	RENEE SMITH	800-555-9743
0299282519	THE WOK WAY TO COOK	RENEE SMITH	800-555-9743
0132149871	HOW TO GET FASTER PIZZA	RENEE SMITH	800-555-9743
1059831198	BODYBUILD IN 10 MINUTES A DAY	RENEE SMITH	800-555-9743

ISBN	TITLE	CONTACT	PHONE
2491748320	PAINLESS CHILD-REARING	SEBASTIAN JONES	800-555-8284
8117949391	BIG BEAR AND LITTLE DOVE	SEBASTIAN JONES	800-555-8284
2147428890	SHORTEST POEMS	SEBASTIAN JONES	800-555-8284

14 rows selected.

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6.
UPDATE reorderinfo
SET contact = 'RENEE AMMERMAN'
WHERE contact = 'RENEE SMITH';

```

Output:

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.

This is caused because it does not contain a primary key in the table.

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8.
DELETE FROM reorderinfo
WHERE contact = 'RENEE SMITH'

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Output:

Error starting at line : 1 in command -

DELETE FROM reorderinfo

WHERE contact = 'RENEE SMITH'

Error report -

ORA-02292: integrity constraint (RAMMERMAN1.ORDERITEMS_ISBN_FK) violated - child record found

This is caused because the record is connected to a another table.

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9.
ROLLBACK;

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Output:

Rollback complete.

10.
DROP VIEW reorderinfo;

Output:

View REORDERINFO dropped.