

12-2: Updating Column Values and Deleting Rows

Vocabulary

- 1.UPDATE
- 2.correlated subquery update
- 3.Integrity Constraints
- 4.correlated subquery delete
- 5.DELETE

Try It / Solve It

1.

```
CREATE TABLE copy_f_food_items
AS ( SELECT * FROM f_food_items);
```

```
DESCRIBE copy_f_food_items;
```

```
UPDATE copy_f_food_items set price=3.75
Where description='Strawberry Shake'
```

```
UPDATE copy_f_food_items set price=3.75
Where description='Fries'
```

```
SELECT * FROM copy_f_food_items;
```

2.

```
Create table copy_f_staffs
As (select * from      f_staffs )
```

```
DESCRIBE copy_f_staffs ;
```

```
UPDATE copy_f_staffs SET overtime_rate = NVL(overtime_rate, 0) + 0.75
WHERE first_name || ' ' || last_name) = 'Bob Miller';
```

```
UPDATE copy_f_staffs SET overtime_rate = NVL(overtime_rate, 0) + 0.85
WHERE LOWER(first_name || ' ' || last_name) = 'Sue Doe';
```

3.

```
CREATE TABLE copy_f_orders
AS ( SELECT * FROM f_orders);
```

```
INSERT INTO copy_f_orders
VALUES(5680,TO_DATE('June 12, 2004','fmMonth dd, yyyy'),159.78,145,9);
```

```
INSERT INTO copy_f_orders  
VALUES(5691,TO_DATE('09-23-2004','mm-dd-yyyy'),145.98,225,12);
```

```
INSERT INTO copy_f_orders  
VALUES(5701,TO_DATE('July 4, 2004','fmMonth dd, yyyy'),229.31,230,12);
```

```
4.  
CREATE TABLE copy_f_customers  
AS ( SELECT * FROM f_customers);
```

```
insert into copy_f_customers  
VALUES(145,'Katie','Hernandez','92 Chico Way','Los Angeles','CA',98008,'8586667641');
```

```
INSERT INTO copy_f_customers  
VALUES(225,'Daniel','Spode','1923 Silverado','Denver','CO',80219,'7193343523')
```

```
INSERT INTO copy_f_customers  
VALUES(230,'Adam','Zurn','5 Admiral Way','Seattle','WA',NULL,'4258879009')— error
```

```
5.  
Update copy_f_staffs  
Set salary=(select salary from copy_f_staffs  
             Where last_name = 'Miller' and first_name='Bob')  
Where first_name='Sue' and last_name='Doe'
```

```
6.  
INSERT INTO copy_f_staffs  
VALUES(25,'Kai','Kim',TO_DATE('03-Nov-1988','fmdd-Mon-  
yyyy'),6.75,NULL,NULL,'Order Taker',NULL,NULL,NULL);
```

```
7.  
UPDATE copy_f_staffs SET manager_id = (SELECT manager_id FROM copy_f_staffs  
WHERE LOWER(first_name || ' ' || last_name) = 'sue doe')  
WHERE LOWER(first_name || ' ' || last_name) = 'kai kim';
```

```
8.  
ORA-02292: integrity constraint (RO_A847_SQL_S16.EMP_DEPT_FK) violated - child  
record found
```

```
9.DELETE FROM copy_f_staffs  
WHERE LOWER(first_name || ' ' || last_name) = 'kai kim';
```

```
SELECT * FROM copy_f_staffs;
```

```
10.  
CREATE TABLE lesson7_emp  
AS ( SELECT * FROM employees);
```

```
DELETE FROM lesson7_emp  
WHERE employee_id IN ( SELECT DISTINCT employee_id FROM job_history) ;
```