

12-3: DEFAULT Values, MERGE, and Multi-Table Inserts

Try It / Solve It

1.

If no value is given while row creation and I want the field to take some predefined value.

For example there may be a created on column, and I want that when a row is created, it gets filled up with current time.

2.

a.CREATE TABLE copy_f_promotional_menus AS (SELECT * FROM f_promotional_menus)

b.ALTER TABLE copy_f_promotional_menus MODIFY(start_date DATE DEFAULT SYSDATE)

c.INSERT INTO copy_f_promotional_menus(code,name,start_date,end_date,give_away) VALUES('115','Back to School part 2',DEFAULT,NULL,'ballpen and highlighter again');
or

INSERT INTO copy_f_promotional_menus(code,name,end_date,give_away) VALUES('116','Back to School part 3',NULL,'ballpen and highlighter again2');

INSERT INTO copy_f_promotional_menus(code,name,start_date,end_date,give_away) VALUES('120','New Customer',DEFAULT,TO_DATE('01-Jun-2005','dd-Mon-yyyy'),' 10% discount coupon');

3.

CREATE TABLE manager_copy_d_cds
AS (SELECT * FROM d_cds);

INSERT INTO manager_copy_d_cds(cd_number,title,producer,year) VALUES(20,'Hello World Here I Am','Middle Earth Records','1998');

INSERT INTO manager_copy_d_cds(cd_number,title,producer,year) VALUES(97,'Celebrate the Day','R & B Inc.','2003');

INSERT INTO manager_copy_d_cds(cd_number,title,producer,year) VALUES(99,'Party Music','Old Town Records','2004');

INSERT INTO manager_copy_d_cds(cd_number,title,producer,year) VALUES(100,'Best of Rock and Roll','Old Town Records','2004');

MERGE INTO manager_copy_d_cds t USING d_cds s
ON (s.cd_number = t.cd_number)
WHEN MATCHED THEN UPDATE

```
SET t.title = s.title, t.producer = s.producer, t.year = s.year  
WHEN NOT MATCHED THEN INSERT  
VALUES (s.cd_number, s.title, s.producer, s.year);
```

4.

```
INSERT FIRST  
WHEN salary > 20000 THEN  
INTO special_sal  
VALUES(employee_id, salary)  
ELSE  
INTO sal_history  
VALUES(employee_id, hire_date, salary)
```

```
INTO mgr_history  
VALUES(employee_id, manager_id, salary)  
SELECT employee_id, salary, hire_date, manager_id  
FROM employees;
```