

DEFAULT Values and the MERGE Statement

Objectives

- Understand when to use the DEFAULT value.
- Construct and execute a MERGE statement

Try It / Solve It

1. When would you want a DEFAULT value?

2. Currently, the Global Foods F_PROMOTIONAL_MENUS table START_DATE column does not have SYSDATE set as DEFAULT. Your manager has decided she would like to be able to set the starting date of promotions to the current day for some entries. This will require three steps:

a. In your schema, Make a copy of the Global Foods F_PROMOTIONAL_MENUS table using the following SQL statement:

```
CREATE TABLE copy_f_promotional_menus  
AS (SELECT * FROM f_promotional_menus)
```

b. Alter the current START_DATE column attributes using:

```
ALTER TABLE copy_f_promotional_menus  
MODIFY(start_date DATE DEFAULT SYSDATE)
```

c. INSERT the new information and check to verify the results.

INSERT a new row into the copy_f_promotional_menus table for the manager's new promotion. The promotion code is 120. The name of the promotion is 'New Customer.' Enter DEFAULT for the start date and '01-JUN-05' for the ending date. The giveaway is a 10% discount coupon. What was the correct syntax used?

3. Allison Plumb, the event planning manager for DJs on Demand, has just given you the following list of CDs she acquired from a company going out of business. She wants a new updated list of CDs in inventory in an hour, but she doesn't want the original D_CDS table changed. Prepare an updated inventory list just for her.

a. Assign new cd_numbers to each new CD acquired.

b. Create a copy of the D_CDS table called manager_copy_d_cds. What was the correct syntax used?

c. INSERT into the manager_copy_d_cds table each new CD title using an INSERT statement. Make up one example or use this data:

20, 'Hello World Here I Am', 'Middle Earth Records', '1998'

What was the correct syntax used?

d. Use a merge statement to add to the `manager_copy_d_cds` table, the CDs from the original table. If there is a match, update title and the year. If not, insert the data from the original table. What was the correct syntax used?