14-06-2024

Manipulating Data

Inserting New Rows

1.INSERT INTO departments(department_id, department_name, manager_id, location_id)

VALUES (70, 'Public Relations', 100, 1700);

Inserting Rows with Null Values

2. INSERT INTO departments (department_id, department_name) VALUES (30, 'Purchasing');

3. INSERT INTO departments VALUES (100, 'Finance', NULL, NULL);

Inserting Special Values

4. INSERT INTO employees (employee_id,first_name, last_name,email, phone_number,

hire_date, job_id, salary, commission_pct, manager_id, department_id)

VALUES (113,'Louis', 'Popp','LPOPP', '515.124.4567',SYSDATE, 'AC_ACCOUNT', 6900,

NULL, 205, 100);

Confirming Additions to the Table

5.SELECT employee_id, last_name, job_id, hire_date, commission _pct FROM employees

WHERE employee_id = 113

Inserting Specific Date Values

6. INSERT INTO employeesVALUES (114,'Den', 'Raphealy','DRAPHEAL', '515.127.4561',

TO_DATE('FEB 3, 1999', 'MON DD, YYYY'),'AC_ACCOUNT', 11000, NULL, 100, 30);

Copying Rows from Another Table

7. INSERT INTO sales_reps(id, name, salary, commission_pct) SELECT employee_id, last_name, salary, commission_pct FROM employees WHERE job_id LIKE '%REP%';

The UPDATE Statement

8.UPDATE employees SET department_id = 70 WHERE employee_id = 113;

9.UPDATE copy_emp SET department_id = 110;

Updating Columns with a Subquery

10. UPDATE employeesSET job_id = (SELECT job_id FROM employeesWHERE employee_id = 205),salary = (SELECT salary FROM employees WHERE employee_id= 205)WHERE employee_id = 114;

Updating Rows Based on Another Table

11.UPDATE copy_emp SET department_id = (SELECT department_id FROM employees WHERE employee_id = 100) WHERE job_id = (SELECT job_id FROM employees WHERE employee_id = 200);

DELETE Statement

12.DELETE FROM departments WHERE department_name = 'Finance';

13.DELETE FROM copy_emp1;

Deleting Rows Based on Another Table

14. DELETE FROM employees WHERE department_id =(SELECT department_id

FROM departments WHERE department_name LIKE '%Public%');