21-06-2024 # Manipulating Data Using PL/SQL

Inserting Data

1.BEGIN

```
INSERT INTO employees
(employee_id, first_name, last_name, email,
hire_date, job_id, salary)
VALUES
(employees_seq.NEXTVAL, 'Ruth', 'Cores', 'RCORES',
sysdate, 'AD_ASST', 4000);
```

END;

Updating Data

2.DECLARE

```
v_sal_increase employees.salary%TYPE := 800;
```

BEGIN

```
UPDATE employees
SET salary = salary + v_sal_increase
WHERE job_id = 'ST_CLERK';
```

END;

Deleting Data

3. DECLARE

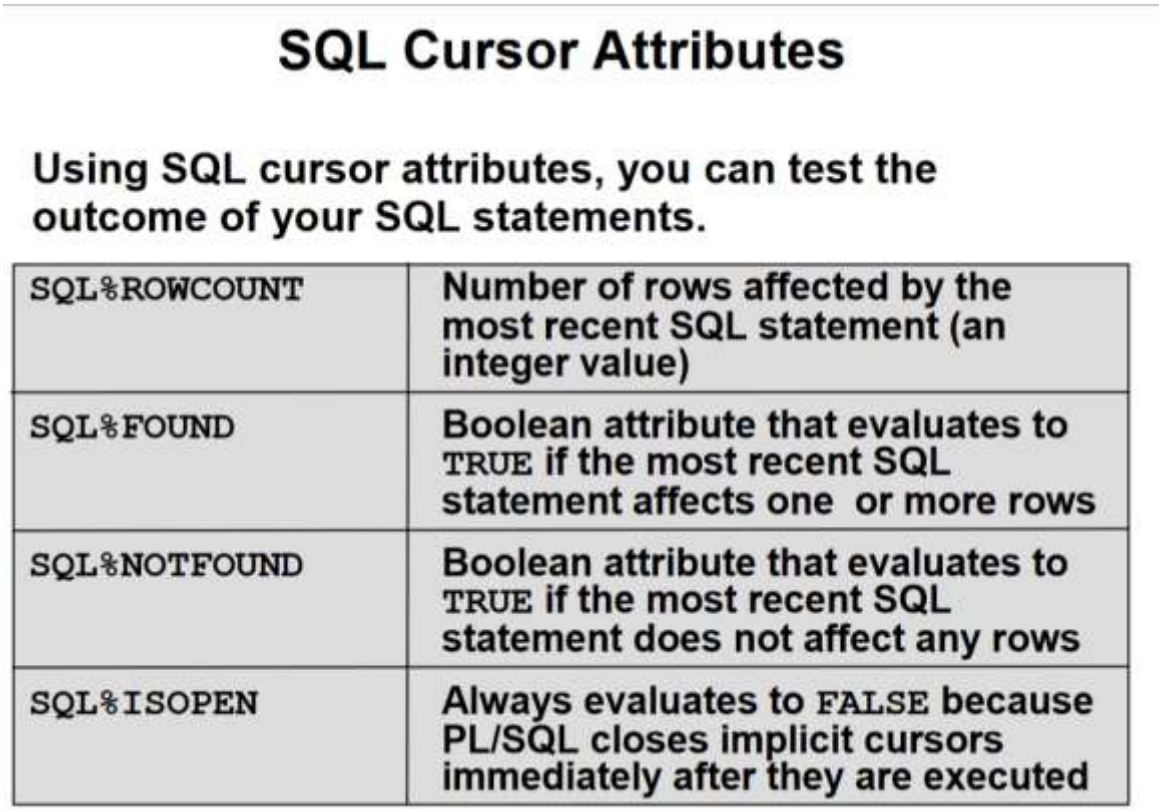
```
v_deptno employees.department_id%TYPE := 10;
```

BEGIN

```
DELETE FROM employees
WHERE department_id = v_deptno;
```

END;

SQL Cursor



4.VARIABLE rows_deleted VARCHAR2(30)

DECLARE

v_employee_id employees.employee_id%TYPE := 176;

BEGIN

DELETE FROM employees

WHERE employee_id = v_employee_id;

rows_deleted := (SQL%ROWCOUNT ||

'row deleted.');

END;

/

PRINT rows_deleted