Title

P02. Select multiple column values from a table and put them into PL/SQL local variables.

Description

Select multiple column values from a table and put them into PL/SQL local variables for further processing.

Each local variable type should be compatible with the selected column type.

Column values are assigned to local variables in the order they appear, e.g., first column to first variable, second column to second variable, and so on.

Use the %type attribute to define the local variable type based on the column type for not hardcoding the type.

Example

Select the employee_id, first_name, and last_name from the employees table into local variables v_employee_id, v_first_name, and v_last_name.

Code Snippet

```
1  declare
2      -- The type of v_employee_id variable is the same as the type of
          the employee_id column when using the %type attribute.
3      v_employee_id employees.employee_id%type;
4      v_first_name employees.first_name%type;
5      v_last_name employees.last_name%type;
6  begin
7      select employee_id, first_name, last_name
8      into v_employee_id, v_first_name, v_last_name
9      from employees
10     where employee_id = 100;
11  end;
12  /
```