

4-4: Iterative Control: WHILE and FOR Loops

Vocabulary

1.While LOOP

2.For LOOP

Try It / Solve It

1.

DECLARE

v_country_id wf_countries.country_id%TYPE;

v_country_name wf_countries.country_name%TYPE;

v_contor number(3):=51;

BEGIN

WHILE v_contor<=55

LOOP

SELECT country_id,country_name INTO v_country_id, v_country_name FROM wf_countries

WHERE country_id=v_contor;

DBMS_OUTPUT.PUT_LINE(v_country_id||' '|| v_country_name)

v_contor:=v_contor+1;

End loop;

End

2.

DECLARE

v_country_id wf_countries.country_id%TYPE;

v_country_name wf_countries.country_name%TYPE;

v_contor number(3):=51;

BEGIN

FOR v_contor IN REVERSE 51..55

LOOP

SELECT country_id,country_name INTO v_country_id, v_country_name FROM wf_countries

WHERE country_id=v_contor;

DBMS_OUTPUT.PUT_LINE(v_country_id||' '|| v_country_name)

End loop;

End

3.

DECLARE

v_empno new_emps.employee_id%TYPE := <employee_id>;

v_asterisk new_emps.stars%TYPE := NULL;

v_sal_in_thousands new_emps.salary%TYPE;

BEGIN

SELECT NVL(TRUNC(salary/1000), 0) INTO v_sal_in_thousands

FROM new_emps WHERE employee_id = v_empno;

FOR iterator in 0..v_sal_in_thousands LOOP

RPAD(v_asterisk,'*',LENGTH(v_asterisk)+1);

UPDATE new_emps

SET stars = v_asterisk

WHERE employee_id = v_empno;

END;

