**PL/SQL Exercise 1: Control Structures**

**Code:**

DECLARE

v\_num NUMBER := &enter\_number; -- Prompts user for input

v\_counter NUMBER := 1;

BEGIN

-- IF...ELSE control structure

IF MOD(v\_num, 2) = 0 THEN

DBMS\_OUTPUT.PUT\_LINE('The number ' || v\_num || ' is EVEN.');

ELSE

DBMS\_OUTPUT.PUT\_LINE('The number ' || v\_num || ' is ODD.');

END IF;

-- LOOP control structure

DBMS\_OUTPUT.PUT\_LINE('Numbers from 1 to ' || v\_num || ':');

LOOP

EXIT WHEN v\_counter > v\_num;

DBMS\_OUTPUT.PUT\_LINE(v\_counter);

v\_counter := v\_counter + 1;

END LOOP;

END;

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