**SUPERSET ID: 6408269**

**TOPIC : PL/ SQL PROGRAMMING**

**EXERCISE 1: CONTROL STRUCTURES**

SET SERVEROUTPUT ON;

DECLARE

marks NUMBER := 82;

i NUMBER := 1;

BEGIN

-- IF-ELSIF-ELSE control

IF marks >= 90 THEN

DBMS\_OUTPUT.PUT\_LINE('Grade: A');

ELSIF marks >= 75 THEN

DBMS\_OUTPUT.PUT\_LINE('Grade: B');

ELSE

DBMS\_OUTPUT.PUT\_LINE('Grade: C');

END IF;

-- FOR loop

DBMS\_OUTPUT.PUT\_LINE('FOR Loop Output:');

FOR j IN 1..3 LOOP

DBMS\_OUTPUT.PUT\_LINE(' Value from FOR loop: ' || j);

END LOOP;

-- WHILE loop

DBMS\_OUTPUT.PUT\_LINE('WHILE Loop Output:');

WHILE i <= 3 LOOP

DBMS\_OUTPUT.PUT\_LINE(' Value from WHILE loop: ' || i);

i := i + 1;

END LOOP;

-- Basic LOOP with EXIT

DBMS\_OUTPUT.PUT\_LINE('LOOP with EXIT Output:');

i := 1;

LOOP

EXIT WHEN i > 3;

DBMS\_OUTPUT.PUT\_LINE(' Value from basic LOOP: ' || i);

i := i + 1;

END LOOP;

-- GOTO example

GOTO skip\_section;

DBMS\_OUTPUT.PUT\_LINE('This line is skipped using GOTO.');

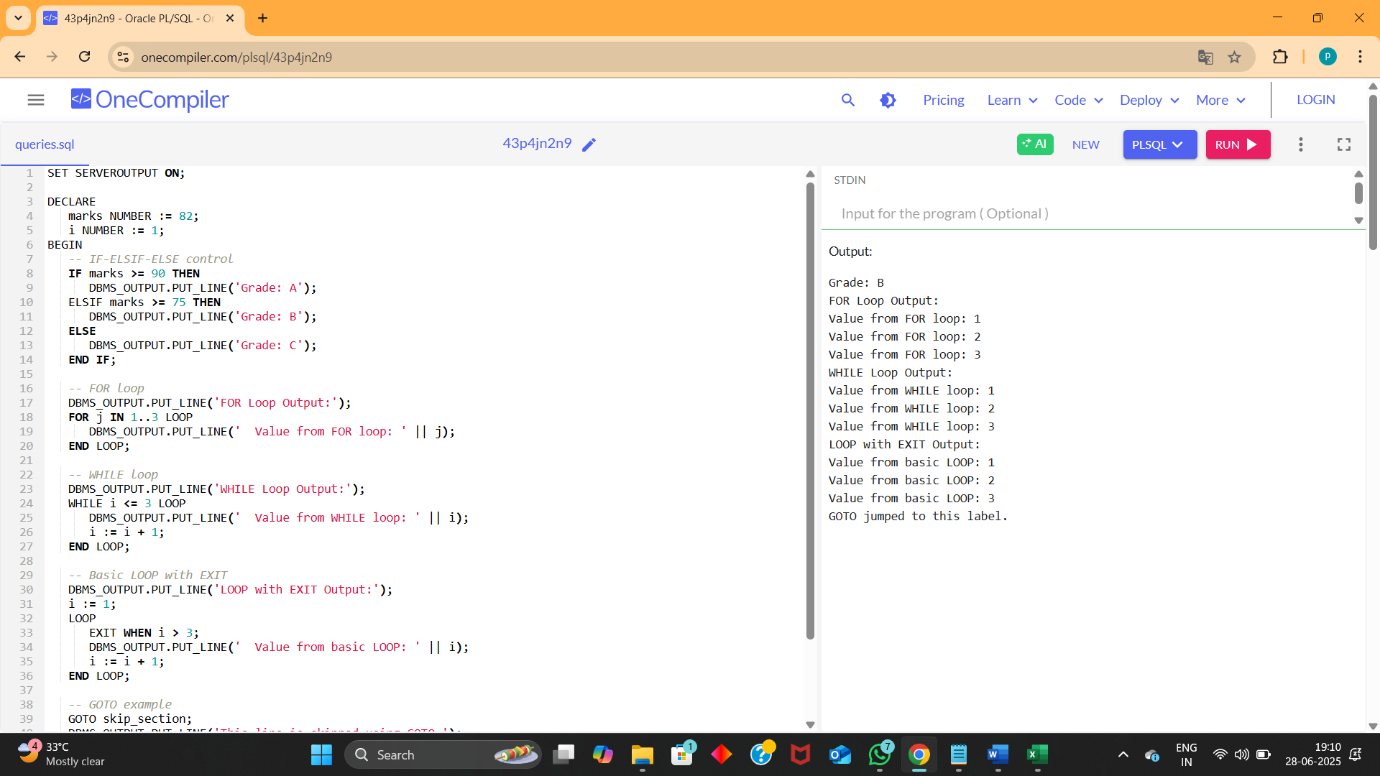
<<skip\_section>>

DBMS\_OUTPUT.PUT\_LINE('GOTO jumped to this label.');

END;

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**OUTPUT SCREENSHOT :**

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