**SUPERSET ID: 6408269**

**TOPIC : PL/ SQL PROGRAMMING**

**EXERCISE 3: STORED PROCEDURES**

CREATE OR REPLACE PROCEDURE check\_prime (

num IN NUMBER,

result OUT VARCHAR2

)

IS

i NUMBER := 2;

is\_prime BOOLEAN := TRUE;

BEGIN

IF num < 2 THEN

result := 'Not Prime';

RETURN;

END IF;

LOOP

EXIT WHEN i > SQRT(num);

IF MOD(num, i) = 0 THEN

is\_prime := FALSE;

EXIT;

END IF;

i := i + 1;

END LOOP;

IF is\_prime THEN

result := 'Prime';

ELSE

result := 'Not Prime';

END IF;

END;

/

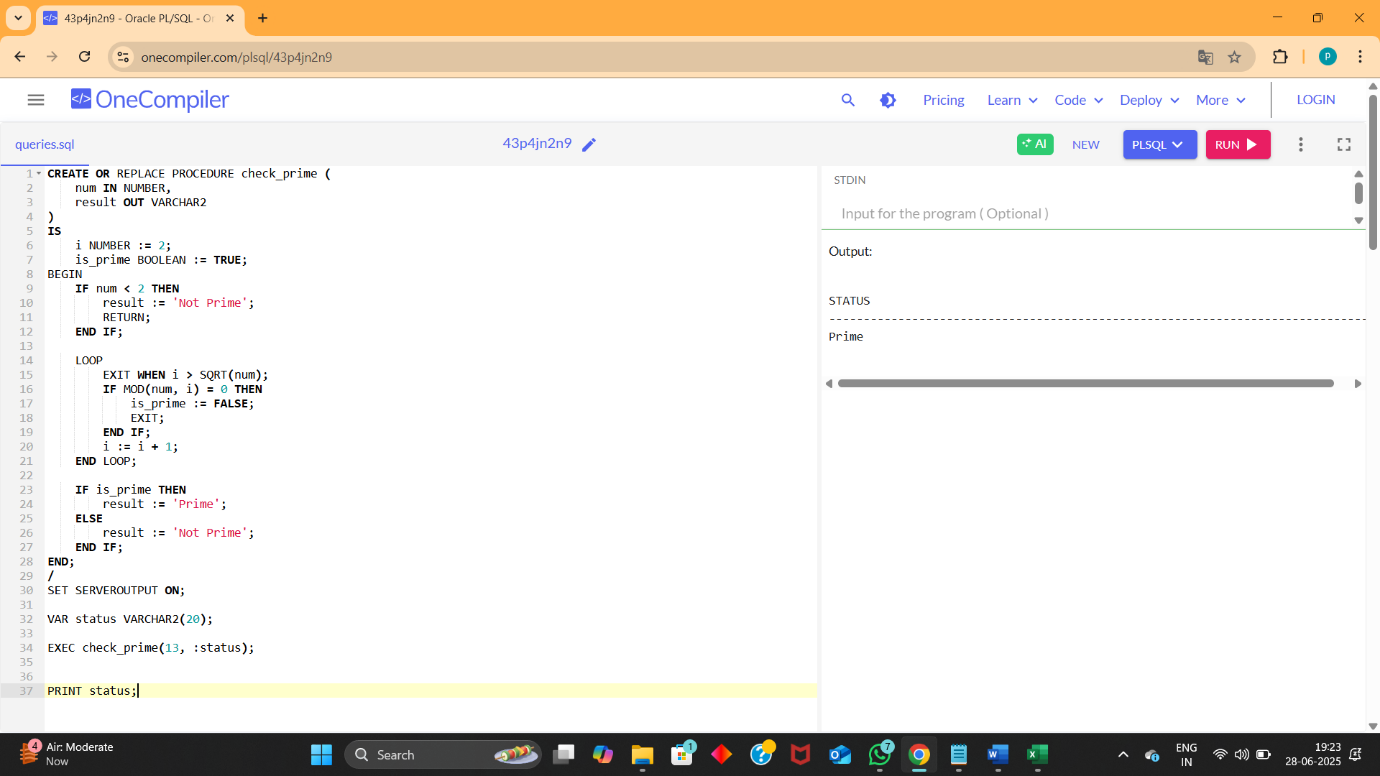
SET SERVEROUTPUT ON;

VAR status VARCHAR2(20);

EXEC check\_prime(13, :status);

PRINT status;

**OUTPUT SCREENSHOT :**

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