EXPERIMENT-11

11. Write a PL/SQL program for finding the given number is prime number or not.

```
SQL-CSE530>DECLARE
  2   n NUMBER;
  3   i NUMBER;
  4   temp NUMBER;
  5   BEGIN
  6   n :=&n;
  7   i := 2;
  8   temp := 1;
  9   FOR i IN 2..n/2
 10   LOOP
 11   IF MOD(n, i) = 0
 12   THEN
 13   temp := 0;
 14   EXIT;
 15   END IF;
 16   END LOOP;
 17   IF temp = 1
 18   THEN
 19   DBMS_OUTPUT.PUT_LINE(n||' is a prime number');
 20   ELSE
 21   DBMS_OUTPUT.PUT_LINE(n||' is not a prime number');
 22   END IF;
 23   END;
 24   /
Enter value for n: 78
78 is not a prime number

PL/SQL procedure successfully completed.

SQL-CSE530>
```