

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>
```