

EXPERIMENT-11

224G1A0567

Pavan T

```
SQL> ED
Wrote file afiedt.buf

  1  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;
SQL> /
Enter value for n: 12
12 is not a prime number

PL/SQL procedure successfully completed.

SQL> SET SERVEROUT ON
SQL> SET VERIFY OFF
SQL> /
Enter value for n: 3
3 is a prime number

PL/SQL procedure successfully completed.
```