

EXPERIMENT-12

AIM: Write a PL/SQL program for displaying the Fibonacci series up to an integer.

SOURCE CODE:

```
C##547>SET SERVEROUT ON  
C##547>SET VERIFY OFF
```

```
C##547>ED  
Wrote file afiedt.buf  
  
 1 DECLARE  
 2 FIRST NUMBER:=0;  
 3 SECOND NUMBER:=1;  
 4 N NUMBER;  
 5 TEMP NUMBER;  
 6 I NUMBER;  
 7 BEGIN  
 8 N := &N;  
 9 DBMS_OUTPUT.PUT_LINE('SERIES: ');  
10 DBMS_OUTPUT.PUT_LINE(FIRST);  
11 DBMS_OUTPUT.PUT_LINE(SECOND);  
12 FOR I IN 2..N  
13 LOOP  
14 TEMP:=FIRST+SECOND;  
15 FIRST:=SECOND;  
16 SECOND:=TEMP;  
17 DBMS_OUTPUT.PUT_LINE(TEMP);  
18 END LOOP;  
19* END;  
C##547>/  
Enter value for n: 8  
SERIES:  
0  
1  
1  
2  
3  
5  
8  
13  
21  
  
PL/SQL procedure successfully completed.
```

CONCLUSION: The pl/sql program is successfully executed.