5.FIBONACCI

set serveroutput on;

1 declare

2 n number(5);

3 i number(5):=0;

4 next number(5);

5 first number(5):=0;

6 second number(5):=1;

7 procedure fibo(n number)as

8 begin

9 next:=first+second;

10 first:=second;

11 second:=next;

12 dbms\_output.put\_line(next);

13 end;

14 begin

15 dbms\_output.put\_line('enter the number of terms');

16 n:=&n;

17 for i in 0..n loop

18 if i<=1 then

19 dbms\_output.put\_line(i);

20 else

21 fibo(i);

22 end if;

23 end loop;

24\* end;

SQL> /

Enter value for n: 5

old 16: n:=&n;

new 16: n:=5;

enter the number of terms

0

1

1

2

3

5

PL/SQL procedure successfully completed.