Fibonacci Using Recursion

#include<stdio.h>

int Fibonacci(int);

int main()

{

int n,i=0,c;

scanf("%d",&n);

printf("Fibonacci series\n");

for(c=1;c<=n;c++)

{

printf("%d\n",Fibonacci(i));

i++;

}

return 0;

}

int Fibonacci(int n)

{

if(n==0)

return 0;

else if(n==1)

return 1;

else

return(Fibonacci(n-1)+Fibonacci(n-2));

}

OUTPUT

6

Fibonacci series

0

1

1

2

3

5

--------------------------------

Process exited after 6.417 seconds with return value 0

Press any key to continue . . .