#include<stdio.h>

int fibonacci(int);

int main()

{

int i=0,n,c;

printf("fibonacci series:");

scanf("%d",&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:**

**fibonacci series:6**

**0**

**1**

**1**

**2**

**3**

**5**

**--------------------------------**

**Process exited after 3.121 seconds with return value 0**

**Press any key to continue . . .**