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main.c

1 #include <stdio.h>  
2 int fibonacci(int n){  
3 if(n==0)  
4 return 0;  
5 else if(n==1)  
6 return 1;  
7 else  
8 return fibonacci(n-1) + fibonacci(n-2);  
9 }  
10 int main(){  
11 int n;  
12 printf("enter number:");  
13 scanf("%d",&n);  
14 printf("fibonacci = %d",fibonacci(n));  
15 return 0;  
16 }

Run

Output

enter number:12  
fibonacci = 144  
== Code Execution Successful ==

22°C Mostly cloudy

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