

Online C Compiler - Programiz | +

programiz.com/c-programming/online-compiler/

Programiz C Online Compiler Programiz PRO >

main.c

Run Output Clear

```
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 }
```

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

22°C Mostly cloudy Search Cloud File Folder Help Home Bookmarks Network Downloads File Explorer PowerShell Terminal Calculator Snipping Tool Google Chrome ENG IN 01:17 15-02-2026

```
#include <stdio.h>
int fibonaci (int n) {
    if (n == 0)
        return 0;
    else if (n == 1)
        return 1;
    else
        return fibonaci(n-1) + fibonaci(n-2);
}
int main() {
    int n;
    printf("Enter number:");
    scanf("%d", &n);
    printf("fibonaci = %d", fibonaci(n));
```

```
return 0;  
}
```

— / —