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Points: 20

Submissions: 2909



Description

Fibonacci

Program Description

Write A program to print fibonacci up to given range.

Input Format

A single line input contains an integer N.

Output Format

Display all the fibonacci series up to given range.

Constraints

$1 \leq N \leq 10^5$

Explanation

The Given Input is : 10-->0 1 1 2 3 5 8 13 21 34-->first 10 fibonacci series

Input-1

10

Output-1

0 1 1 2 3 5 8 13 21 34

Input-2

15

Output-2

0 1 1 2 3 5 8 13 21 34 55 89 144 233 377

C - GCC 11.1.0 ▾



Timer

0:08 sec



Light



```
1 #include<stdio.h>
2 int main()
3 {
4     int a=0,b=1,c,n;
5     scanf("%d",&n);
6     printf("%d %d",a,b);
7     for(int i=1;i<=n-2;i++)
8     {
9         c=a+b;
10        printf(" %d",c);
11        a=b;
12        b=c;
13    }
14    return 0;
15 }
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	10	10	0 1 1 2 3 5 8 13 21 34	0 1 1 2 3 5 8 13 21 34	1408 KB	3.287 ms	Pass
2	19	19	0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584	0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584	1408 KB	2.502 ms	Pass

All hidden testcases passed



Contact

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Light



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