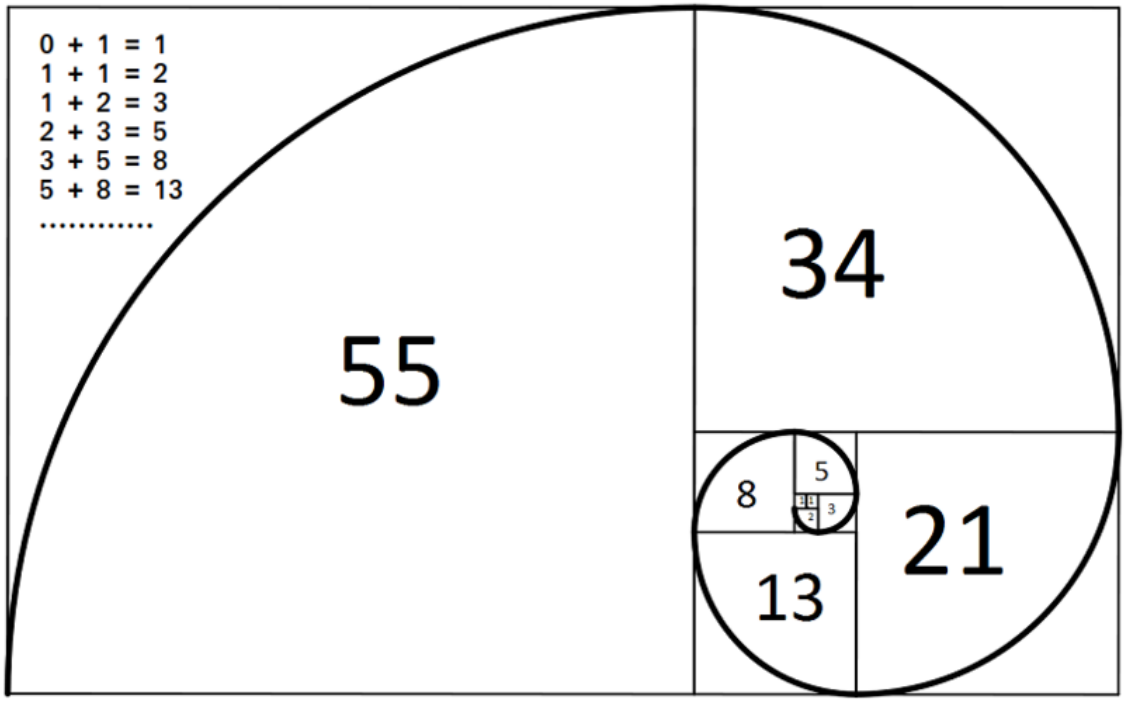
F 1 B 0 N A C C 1

The Fibonacci Series is a mathematical series that starts with 0 and 1 and is generated by adding the two preceding numbers to generate the next one

Denoted by Fn

Fn = 0 1 1 2 3 5 8 13 21



Write a C program to print the above series starting from 0 and the upperlimit is determined by the user

Input Format

The user will input n or the number of terms required

Constraints

0<=N<=100

Output Format

The series each seperated by a space

Sample Input 0

```
9
```

Sample Output 0

```
0 1 1 2 3 5 8 13 21
```

Sample Input 1

```
22
```

Sample Output 1

```
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946
```

Current Buffer (saved locally, editable)

C

```c
#include <stdio.h>
#include <stdlib.h>

int main(){

    int a=0,b=1,c,i,n;
    scanf("%d",&n);
    printf("%d %d ",a,b);

    for(i=2;i<n;i++){

        c=a+b;
        printf("%d ",c);
        a=b;
        b=c;

    }

return 0;
}
```

Line: 1 Col: 1

Upload Code as File

Test against custom input

Run Code

Submit Code

Testcase 0 ✔ | Testcase 1 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
9
```

Your Output (stdout)

```
0 1 1 2 3 5 8 13 21
```

Expected Output

```
0 1 1 2 3 5 8 13 21
```