

**In this challenge, we are getting input from the user for the limit for Fibonacci triangle, and printing the Fibonacci series for the given number of times (limit).**

```
#include <stdio.h>

#include<stdlib.h>

int main()

{

    int a=0,b=1,i,c,n,j;

    printf("Enter the limit");

    scanf("%d",&n);

    for(i=1;i<=n;i++){

        a=0;b=1;

        printf("%d ",b);

        for(j=1;j<i;j++){

            c=a+b;

            printf("%d ",c);

            a=b;b=c;

        }printf("\n");

    }

    return 0;

}
```

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```
1
2 #include <stdio.h>
3 #include<stdlib.h>
4 int main()
5 {
6     int a=0,b=1,i,c,n,j;
7     printf("Enter the limit");
8     scanf("%d",&n);
9     for(i=1;i<=n;i++){
10         a=0;b=i;
11         printf("%d ",b);
12         for(j=1;j<=i;j++){
13             c=a+b;
14             printf("%d ",c);
15             a=b;b=c;
16         }printf("\n");
17     }
18 }
19 return 0;
20 }
21
```

input

Enter the limit4  
1  
1 1  
1 1 2  
1 1 2 3

...Program finished with exit code 0  
Press ENTER to exit console.

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