

## Sequence Explorer

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Details of project: i'am implementing this project by using python programming language.

### code

```
Sequence explorer.py +  
1 def fib(n):  
2     if n==1 or n==0:  
3         return n  
4     return fib(n-1)+fib(n-2)  
5 n=int(input())  
6 print(fib(n))  
7
```

### Input&Output



## Explanation:

In this program i am implementing sequence explorer i defined the fib function with a single parameter n after that i used if condition to check if n is equal to 0 or 1 if it is equal to 0 or 1 it returns to n if it is not equal to 0 or 1 it returns to call n-1 & n-2 and adding the sum of n-1 & n-2 after that takes an integer input from the user and assigns to the parameter n and print the nth number of fibonacci series.

## conclusion:

Finally i have got desired output nth fibonacci series

0 1 1 2 3 5