## SEQUENCE OF EXPLORE

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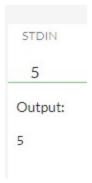
Details of project:- I'm implementing this project in python programming language

Code.

```
fibnonacci series +

1 * def fib(n):
2 * if(n==0 or n==1):
3     return n
4     return fib(n-1)+fib(n-2)
5     n=int(input())
6     print(fib(n))
```

## Input and output:



## Explanation:-

This code defines a function fib(n) which calculates the nth Fibonacci number using recursion.

Here's the explanation: The fib() function takes an integer n as input.

It has a base case: if n is 0 or 1, it returns n itself.

Otherwise, it recursively calls itself with n-1 and n-2, and returns the sum of the results.

Finally, the code prompts the user to input a number n, calculates the nth Fibonacci number using the fib() function, and prints the result.

This code is a concise implementation of the Fibonacci series using recursion in Python

## Conclusion:

Finally I have got the desired output 5