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:

STDIN

5

Output:

5

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