**Day-24 of the 101 days coding challenge**

* **Recursion Practice**
* **According to the given position finding the addition of the Fibonacci number.**

**Code:**

#include<iostream>

using namespace std;

int fibonacci(int n)

{

if(n == 0) // if nth value becomes 0 will return 0

return 0;

if(n == 1) // if nth value becomes 1 will return 1

return 1;

return fibonacci(n-1) + fibonacci(n-2); // recursivly calling the same function

}

int main()

{

int num;

cout<<"Enter the number "<<endl;

cin>>num;

int result = fibonacci(num); // here passed the user input to the fibonacci series

cout<<"fibonacci of the :"<<num<<": is "<<result<<endl;

return 0;

}

Output:

