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: