

Fibonacci

```
import java.util.Scanner;

public class Main {

    private static long fibo( int n ){
        if( n == 0 )
            return 0;
        if( n == 1)
            return 1;
        long f = 0;
        long tmp1 = 1;
        long tmp2 = 0;
        for( int i = 1; i < n; i++){
            f = tmp1 + tmp2;
            tmp2 = tmp1;
            tmp1 = f;
        }
        return f;
    }

    public static void main(String[] args)
    {
        Scanner sn = new Scanner(System.in);
        int n = sn.nextInt();
        System.out.println(fibo(n));
    }

}
```