

```
package fibonacci;

import io.Console;

public class Fibonacci {
    public static void main(String[] args) {
        int n = Console.readInt("n ? ");
        //    versionIterative(n);
        versionRecursive(n);
    }

    static void versionIterative(int n) {
        int a = 0, b = 1, c = a+b;
        Console.print(b+" ");
        for(int i = 0; i < n-1; i++) {
            c = a+b;
            Console.println(c);
            a = b;
            b = c;
        }
    }

    static void versionRecursive(int n) {
        for(int i = 0; i < n; i++) {
            Console.println(fibo(i));
        }
    }

    static int fibo(int n) {
        return (n < 2) ? 1 : fibo(n-2) + fibo(n-1);
    }
}
```