Algorithm

Aim: To print the Fibonacci series up to nth term.

1). Start

2). main() – a). Input a number and store it in n

        b). for(int i=1;i<=n;i++)

            {

              System.out.println(fib(i)); [Calling static function fib(int n)]

            }

3). static int fib(int n) - Recursive function to calculate the Fibonacci number at nth index.

        a). if(n==1||n==2)

            return 1;

        b). else

            return fib(n-1)+fib(n-2);

4). Stop