```java
/**
 *
 */
package week1_homework1;

/**
 * @author gayat
 *
 */
public class Fibonacci_Series {

    /**
     *
     */
    public static int Fibonacci_Series(int n) {
        // TODO Auto-generated constructor stub
        int a = 0;
        int b = 1;
        int c;
        if (n == 0) {
            System.out.println(a);
            return n;
        }
        else if (n == 1) {
            System.out.println(a) ;
            return n;
        }
        System.out.println(a + "\n" + b) ;

        for(int i = 1; i<= n; i++)
            {
            c= a+b ;
// Set b as a
            a = b ;
//set b as total value c
            b = c ;
            System.out.println(c);
            }


        return b;

    }


    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Fibonacci_Series(7);
    }

}
```