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import java.util.Scanner;

public class FibonacciTest {
    // Checking if a given number is a Fibonacci or not
    public static int isFibonacci(int n) {
        if(n == 0 || n == 1)
            return 1;
        int f1 = 0, f2 = 1, f3;
        f3 = f1 + f2;
        while(f3 < n) {
            f1 = f2;
            f2 = f3;
            f3 = f1 + f2;
        }
        if(f3 == n)
            return 1;
        return 0;
    }
    public static void main(String[] args) {
        int n;
        Scanner scan = new Scanner(System.in);
        n = scan.nextInt();
        if(isFibonacci(n) == 1)
            System.out.println(n+" is a Fibonacci.");
        else
            System.out.println(n+" is not a Fibonacci.");
    }
}
```

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