

Bytecode de Java

```
javac Fibonacci.java
```

```
javap -c Fibonacci
```

```
public class Fibonacci {
```

```
    public Fibonacci();
```

```
        Code:
```

```
            0: aload_0
```

```
            1: invokespecial #1          // Method java/lang/Object.<init>:()V
```

```
            4: return
```

```
    public static int fibonacci(int);
```

```
        Code:
```

```
            0: iload_0
```

```
            1: iconst_1
```

```
            2: if_icmpgt      7
```

```
            5: iload_0
```

```
            6: ireturn
```

```
            7: iload_0
```

```
            8: iconst_1
```

```
            9: isub
```

```
           10: invokestatic  #7          // Method fibonacci:(I)I
```

```
           13: iload_0
```

```
           14: iconst_2
```

```
           15: isub
```

```
           16: invokestatic  #7          // Method fibonacci:(I)I
```

```
           19: iadd
```

```
           20: ireturn
```

```
    public static void main(java.lang.String[]);
```

```
        Code:
```

```
            0: bipush      10
```

```
            2: istore_1
```

```
            3: getstatic    #13          // Field java/lang/System.out:Ljava/io/PrintStream;
```

```
            6: iload_1
```

```
            7: invokedynamic #19,  0      // InvokeDynamic #0:makeConcatWithConstants:(I)Ljava/lang/String;
```

```
           12: invokevirtual #23          // Method java/io/PrintStream.println:(Ljava/lang/String;)V
```

```
           15: iconst_0
```

```

16: istore_2
17: iload_2
18: iload_1
19: if_icmpge      43
22: getstatic      #13          // Field java/lang/System.out:Ljava/io/PrintStream;
25: iload_2
26: invokestatic   #7           // Method fibonacci:(I)I
29: invokedynamic  #29, 0       // InvokeDynamic #1:makeConcatWithConstants:(I)Ljava/lang/String;
34: invokevirtual  #30          // Method java/io/PrintStream.print:(Ljava/lang/String;)V
37: iinc           2, 1
40: goto           17
43: getstatic      #13          // Field java/lang/System.out:Ljava/io/PrintStream;
46: invokevirtual  #33          // Method java/io/PrintStream.println:()V
49: return
}

```