



Console X

<terminated> Fibonacci [Java Application] /Users/aryanpat/p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.macosx.x86_64_17.0.4.v20220805-1047/jre/bin/java (Oct 24, 2022, 10:52:47 PM – 10:52:49 PM) [pid: 56061]

Enter your Fibonacci N value!

12

Your Fibonacci number is: 144

Disks.java Snorlax.java Fibonacci.java X

```
1 package lab6;
2
3 import java.util.Scanner;
4
5 public class Fibonacci {
6
7     static Scanner input = new Scanner(System.in);
8
9     public static void main(String[] args) {
10
11         System.out.println("Enter your Fibonacci N value!");
12         int N = input.nextInt();
13
14         System.out.println("Your Fibonacci number is: " + fibnum(N));
15
16     }
17
18     public static long fibnum(int N) {
19
20         if(N < 0) {
21
22             System.out.println("Invalid input for N. Please enter a value greater than 0!");
23             N = input.nextInt();
24
25         }
26
27         if(N <= 1) {
```

