

```
1  public class Ch17Demo_Binary_Tree_Recursion_Fibonacci
2  {
3      public static void main(String [] args)
4      {
5          System.out.println (fib(8));
6      }
7
8      public static int fib(int n)
9      {
10         if (n == 1 || n == 2)
11         {
12             return 1;
13         }
14         else
15         {
16             return fib(n - 1) + fib(n - 2);
17         }
18     }
19 }
20 }
```