

```

/*
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--
-- Purpose:  Recursion demonstration (Fibonacci series)
--
*/
import java.lang.*;
import java.io.*;
import java.util.*;

public class Fibonacci
{
    public Fibonacci()    // constructor
    {
    }

    public long calculate(int n)
    {
        if (n < 2)
        {
            return n;
        }
        else
        {
            return (calculate(n - 1) + calculate(n - 2));
        }
    } // End of Method
} // End of Class

```