

TR4.java

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////////////////////////////////////
//www.karamian.com
//Program TestRecursion
////////////////////////////////////

import java.io.*;
import java.util.*;

//*****
// Class TR4 contains the main driver for TestRecursion
//*****
class TR4
{
    //=====
    // Contains the driver for TestRecursion
    // Prompts for exit continue of program TestRecursion and passes value from user
to prog.
    //=====
    public static void main (String[] args) throws IOException
    {
        BufferedReader readIt = new BufferedReader(
                                new
InputStreamReader(System.in));
        TestRecursion user=new TestRecursion();
        boolean done = false;

        while (!done)
        {
            try
            {
                System.out.print("Enter number for Fibonacci sequence generator: ");
                int n=Integer.parseInt(readIt.readLine());
                user.f(n);
                System.out.print("Would you like to continue [y/n] ? ");
                String answer=readIt.readLine();
                if(answer.equals("n") || answer.equals("N"))
                {
                    done=true;
                }
                user.callIt=1;
                user.completedIt=1;
            }
            catch (NumberFormatException badval)
            {
                System.err.println("Please check your format and enter again.");
            }
            catch(NullPointerException badform)
            {
                System.err.println("Please check your format and enter again.");
            }
        }
    } // end of main.
} // end of class TR4
```