/\* **Project #4: Fibonacci Sequence**

Write a program that prints the Fibonacci sequence numbers less than a given number N. For

example:

- **Input**: N = 10 **Output**: 1 1 2 3 5 8

- **Input**: N = 30 **Output**: 1 1 2 3 5 8 13 21

- **Input**: N = 60 **Output**: 1 1 2 3 5 8 13 21 34 55\*/

/\* Solution\*/

import java.util.\*;

public class fibonacci{

public static void main(String[] args)

{

int fibLength;

Scanner sc=new Scanner(System.in);

System.out.println("Please enter length: ");

fibLength=sc.nextInt();

int[] num=new int[fibLength];

num[0]=0;

num[1]=1;

for(int i=2; i<fibLength;i++)

{

num[i]=num[i-1]+num[i-2];

}

System.out.println("Fib series : ");

for(int i=0;i<fibLength;i++)

{

System.out.print(num[i] +" ");

}

}

}

/\*Output : A screenshot of a computer

Description automatically generated

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