


Software Documentation

 This documentation was made for Module 5 Assignment with the intentions of providing users the ability to reproduce similar results with this program

Name

Fibonacci Functions Runtime Efficiency

Version

1.0

User Requirements

Copy of [FibonacciFunctions.java](#) with a device supporting Java Runtime Environment (JRE) or Java Integrated Development Environment (IDE)

Summary

This is a simple program designed to take an integer input from the user and run it through a recursive and iterative Fibonacci calculation method, after which their respective results and runtimes (nanoseconds) will be displayed on the terminal.

Instructions

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Step 1	Navigate to the software repository
Step 2	Select the green CODE dropdown menu
Step 3	Select Download ZIP
Step 4	Unzip file and/or run program via Terminal or IDE
Step 5	Type an integer when prompted
Step 6	Press the <code>Enter</code> key

Sample Screenshot

```
Enter a number: 30
Recursive 832040 6652400(ns)
Iterative 832040 2000(ns)
```

Efficiency Chart

