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CEN 3024C

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Module 5 Assignment Documentation

1. Requirement Documentation

   The software must implement the Fibonacci Function in both a recursive and iterative fashion. The goal is to display the runtime efficiency of each. A chart must be included.

2. Software Design Documentation

   The software will be written in Java. No input is required, the program will simply display the runtime efficiency of the Fibonacci Function in a recursive and iterative fashion.

3. Technical Documentation

   The code was written by Michael Gonzalez. The objective is to display the runtime efficiency.

4. User documentation

   All the user must do is run the program. Once run, the console will display the nth Fibonacci term, whether recursion or iteration is used, and finally the execution time in nanoseconds. Then the user can exit the application.

Application Output: