Fibonacci: Test Plan

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1 Summary

The Fibonacci project is an x86 Assembly Program written using Intel syntax. The purpose of the program is receive a positive integer 'n' as input and print the nth Fibonacci number in hexadecimal.

2 Testing

The test directory of 'Fibonacci' includes screenshots of edge cases, and functionality of the program. Edge cases include outside of the 0 - 300 input range. Functionality includes the Octal and Hexadecimal output.

3 Common Test Cases

1. Installation

   Prerequisites: Directory does not already exist

   git clone git@git.umbc.tc:tdqc/tdqc8/emacgregor/fibonacci.git; cd fibonacci

   Expected: directory is created

2. Correct Branch

   Prerequisites: In the project's directory

   git branch

   Expected: main is active