

W03 Practical

Overview

The specification required that 2 programs be created in C that calculate the Fibonacci series using an iterative method and a recursive method.

Design

This practical was developed entirely in windows. It was found that the `scanf` function of `<stdio.h>` was deprecated in windows and the function `scanf_s` was to be used instead.

Testing

Proof of stacks check pass

```
Testing CS2002 W03-Exercise
- Looking for submission in a directory called 'src': Already in it!
* BUILD TEST - public/build-clean : pass
* BUILD TEST - public/stage1/build-stage1 : pass
* COMPARISON TEST - public/stage1/prog-stage1-length-0.out : pass
* COMPARISON TEST - public/stage1/prog-stage1-length-1.out : pass
* COMPARISON TEST - public/stage1/prog-stage1-length-10.out : pass
* COMPARISON TEST - public/stage1/prog-stage1-length-3.out : pass
* BUILD TEST - public/stage2/build-stage2 : pass
* COMPARISON TEST - public/stage2/prog-stage2-length-0.out : pass
* COMPARISON TEST - public/stage2/prog-stage2-length-1.out : pass
* COMPARISON TEST - public/stage2/prog-stage2-length-10.out : pass
* COMPARISON TEST - public/stage2/prog-stage2-length-3.out : pass
11 out of 11 tests passed
```

Evaluation

Given more time extensions could have been performed.