SENG 265
Lab 3

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Objectives

- How to compile a c program

- How to use arrays

- Function call in c

Compiling a c program

- **The GNU C compiler an open source compiler**
  - ○ **GCC**
- **To run a single program:**
  - ○ **gcc cprog.c**
- **Use the -o option to specify a name for your object file:**
  - ○ **gcc cprog.c -o cprog**

Arrays

- To declare an array:
  - <type> <name>[<size>]
- Example
  - int myArray[50];

Function define and call

- Define a function:
  - `<return value> <name of the function> (<argument type> <argument name>)`
- Call a function:
  - `<name of the function> (<passed argument>)`

Exercise

- Write a function that will calculate the fibunacci series given a number and saves them into an array
- Call this function from the main function and print the array