# Week 1

## part a)

Change array size and fibs at line 3, 4 to 19 to get first nineteen Fibonacci numbers, ends at number 4181.Text

Description automatically generated

## Part B)

Memory address of **1597** is 0x10010040A screenshot of a computer

Description automatically generated with medium confidence

## Part C)

Location of **loop** label is at 0x00400028

Graphical user interface, application, table

Description automatically generated

## Part D)

Maximum Fibonacci number that the program can compute is 46.

A register uses 32 bits, that is 4 bytes, to store a word. Range of an integer can be stored is from (-2^31) to (2^31 – 1), so the maximum Fibonacci number is 1836311903, which is the 46th number. Graphical user interface, table

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