Problem FC-1 (4 parts) **Branches, Jumps, Loops**

Part A Write a MIPS code fragment that jumps to instruction address 0x8A6B9C2C.

		#
		#
		#

Part B Write a two instruction MIPS code fragment that branches to label `Target` if register $4 is less than or equal to $5.

		#
		#

Part C Write a C code fragment equivalent to the following MIPS code. Register $2 holds the variable "N" and $4 holds the variable "S".

```
.text
 Foo:     addi $4, $0, 0
Loop:     andi $5, $2, 1
          add  $4, $4, $5
          srl  $2, $2, 1
          bne  $2, $0, Loop
```

Equivalent C code:

Part D Briefly describe what the code fragment in Part C computes.