1. What do the .data, .word, .text directives mean (i.e., what do you put in each section)?
   1. In selection data, put the values the values you will use (“global values”).
   2. .word is the size of the data
   3. .text is my code
2. How do you set a breakpoint in MARS? Set breakpoint on line 15, give the command in your answer.
   1. Check the line on the execute/textsegent tab
3. After you program stops because of a breakpoint, how do you continue to execute your code? How do you step through your code?
   1. F5 to run
   2. F7 to step
4. How can you find out the contents of a register? How do you modify the value of a register?
   1. Break at line 12, when the n is loaded, the change
5. At what address is n stored in memory? Calculate the 13th fib number by modifying this memory location.
   1. 0X10010000 +10 =0X10010010
   2. 233
6. Line 18 and 20 use syscall instruction. What is it and how do you use it?
   1. Calling extra external functions
   2. It calls a syscall that will print an integer then it exits
   3. Set argument first and put the syscall number in X0.

Sum.s

addi $t0, $s0, 0

add $t1, $s1, 0

add $t2, $t0, $t1

add $t3, $t1, $t2

add $t4, $t2, $t3

add $t5, $t3, $t4

add $t6, $t4, $t5

add $t7, $t5, $t6

addi $v0, $0, 1

addi $a0, $t7, 0

syscall

addi $v0, $0, 10

syscall