

The following questions ask you to write MIPS assembly programs to accomplish a simple task. Your programs should perform the requested task and cleanly exit. Your programs should include appropriate comments indicating what the code should be doing and which registers are being used. Please include your name and CLID in the program headers and include your CLID in the file names. Your programs should be turned in through Moodle before class starts on the due date.

1. Write a MIPS assembly program that prints out the string "Hello World."
2. Write a MIPS assembly program that queries the user for three integers and computes the sum, mean and product of the numbers.

Sample output:

Program #1:

Hello World.

Program #2:

Enter an integer: 2

Enter a second integer: 4

Enter a third integer: 6

The sum of the numbers is 12.

The mean of the numbers is 4.

The product of the numbers is 48.

Objectives:

1. To introduce and practice with the SPIM simulator.
2. To introduce and practice with the MIPS assembly language.
3. To introduce and practice with SPIM I/O operations.
4. To introduce and practice with MIPS arithmetic operations.

Point Values:

1. 25pt
 2. 75pt
- Total. 100pts