CMPS 351: Spring 2013 Program #1

Date assigned: Thursday, January 17, 2013 Due: Thursday, January 24, 2013

This assignment asks you to write a MIPS assembly program to display some text. You are to choose at least five lines of non-repetitive text and write a MIPS program to display that text on the console. Your program 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. You should test your programs using the SPIM simulator before submitting them.

Sample output:

If we shadows have offended, Think but this and all is mended, That you have but slumber'd here While these visions did appear. And this weak and idle theme, No more yielding but a dream, Gentles, do not reprehend: If you pardon, we will mend: And, as I am an honest Puck, If we have unearned luck, Now to 'scape the serpent's tongue, We will make amends ere long;

Else the Puck a liar call;

So goodnight unto you all.

Give me your hands if we be friends,

And Robin shall restore amends.

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.

Point Values:

Total. 100pts