

Cosc 2P12 Assignment 5

(Due date for assignment is Thursday December 11th, 4:00 p.m. est., Late date Monday December 14th, 4:00 p.m. est)

The goal of this assignment is to introduce Floating Point operations in MIPS. Redo Assignment 3 using doubles for all temperature calculations. The program should behave the same as your A3 submission. Thus when entering a range (low, high) a double should be entered. The increment between low and high should be in increments of 1.0, thus you will need to run a loop so that while the increment is less than high, loop.

Output will be a double as MARS is able to print it. It will not look pretty, but assembler syscalls are not designed to produce well formatted output.

The procedures to convert one temperature unit to another will have to deal with doubles. These can remain as skinny activation records.

Submission

This submission will be submitted electronically as a MIPS assembly file.

The TA will be running your program to ensure it is fully functional. Make the marker happy!!!

For the electronic submission, use Sakai, an assignment 5 submission will be available.

The End