

## COSE222 Computer Architecture Assignment #3

**No late turn-in accepted**

### Do the followings using the SPIM (MIPS Simulator)

1. Download an example code (`add_words.s`) linked on the class web page, figure out what the purpose of the code is, run the code on SPIM instruction-by-instruction (press F10) and observe the changes in registers as you execute each instruction, and check out the output.
2. Change the code to do subtraction (`op1 - op2`) word-by-word, run the code, and check out the output.
3. Change the code to copy data in `op1` to `result`, run the code, and check out the output.

### What and How to submit:

- Upload a **video clip (up to 3-min)** to Blackboard. Your video clip should have **at least** the following contents:
  - Your smiling face
  - Understandable explanation for Questions# 1, 2, and 3 with SPIM demo

**Note: This is an individual assignment. You are welcome to discuss, but DO NOT COPY solutions. If you are found to copy solutions from others or slightly modify the solutions from others, both of you will be given 0 credits.**