

COSE222 Computer Architecture Assignment #2

No late turn-in accepted

Do the followings using the Jupyter (RISC-V Simulator)

1. Download an example code (`simple_add.s`) linked on the class web page, figure out what the purpose of the code is, run the code on Jupyter instruction-by-instruction (press F7) 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 YouTube and provide the link to Blackboard. Your video clip should have **at least** the following contents:
 - Your smiling face
 - Understandable explanation for Questions# 1, 2, and 3 with Jupyter 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.