

## CTT10009 – COMPUTER SYSTEM

### Homework 5

#### HW5: X86 assembly programming

#### I. Information:

Code:	HW5
Deadline nộp bài:	
Form of submission:	Individual
Tool to submit:	Moodle
Supervisor:	Chung Thuy Linh
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#### II. Outcome

After this exercise you will reach to:

- G4.1: Explain the X86 architecture design point of view.
- G4.3: Be able to understand and use assembly language to program in X86 platform (using basic operations)

#### III. Describe

A. Write an assembly program (using NASM) to adopt these requirements:

- B. Input two words data label: var1, var2
- C. Compare var1 and var2
- D. Print the result after the above comparison

Ex:

Input var1: 3

Input var2: -1

Result: var1 is greater than var2

#### IV. Submission requirement:

1. Report [student\\_ID.pdf](#) is included:
  - a. Your idea: writing in mindmap/ workflow form/ pseudo code
  - b. The result when you run your program (capture the screen)
2. Source code: [student\\_ID.asm](#)
3. Please zip all files and submit to moodle site with the name **Student\_ID.zip**