PHPM 631 Lab 2: Talking to a Computer
Due date: Submit on E-Campus by 11:59pm Monday 1/30

Submission. Submit on blackboard by end of today.
- Upload your "TEXT" document. Remember this is NOT the same as a "WORD" document

Guideline for lab grading
You must submit whatever you did during in class lab on blackboard by the end of day of class. These will be include in the in class participation evaluation which is part of the grade for the last assignment.

Objective
By the end of this assignment, you should be able to
- Describe how to program a computer directly to carry out simple tasks

Lab 2: Talking to a Computer
This assignment is meant for you to understand how to program, that is give your computer simple commands, to carry out simple tasks. Once you have actually tried to do this for yourself, you will have a much better understanding of how everything is built using these fundamental elements.

Recommended Action plan
1. Look over the slides on LMC (little man computer)
2. Start up "notepad" (you can use search to find it)
3. In notepad, write assembly code for the LMC to do the following. (Hint: it has 8 steps)
   - Read HOSP (bill for hospital services) and DOC (bill for professional care received from the doctor) amount from INPUT
   - Compute TOTAL
   - Output TOTAL
4. Now "translate" the assembly language your wrote into machine language for LMC

Required Submission
1. LMC assembly code & machine language code for doing the steps stated in 2 in the previous section