CMPE 310   **Assembly Language Assignment I**

Assembly Project for CMPE 310

Assigned: Friday, September 13

Due: Friday, September 20

Assignment *Description:*

a) Write an assembly language program to display "Hello world" on terminal and then modify
   the code to display "Hello Username". where Username is student's name (not ID).
   Example: if Students Name is Bob, then display
      "Hello Bob"

b) Write an assembly language program that prompts the user to input Username and displays
   greeting "Hello Username". this is interactive programming in assembly.
   Example: your program should ask users a question on terminal
      What is your name?
    Then **allow student to input name** and then display greeting message like
      "Hello Bob"

c) Now modify the assembly language program from (b) and with greeting msg like
   "Welcome to CMPE310 Lab Bob"
   Example: your program should ask users a question on terminal
      What is your name?
    Then **allow student to input name (Bob)** and then display greeting message like
      "Welcome to CMPE310 Lab Bob"

Turning in your program

Use the UNIX *submit* command on the GL system to turn in your project. You must submit the
assembly language programs as *assignment1a.asm, assignment1b.asm, and assignment1c.asm for
respective sub-parts*. The class name for submit is `CMPE_310`. The name of the assignment is
proj1. Check the submit help on the webpage. Due to any reason if you are going to submit your
project late, the project name will be *late*.

You are also required to turn in a single pdf report file of the code and write-up. You must include a
lab cover page in the report. The write-up should include the names of the various data labels and what
they are used for, description of all the labels in your code, functionality of code between two labels,
loops that you have used and how they are controlled etc. Most of this can also be used as comments in
the code. Properly comment the code. The breakdown of the points are as follows:

Correctness 75%
Documentation (description, etc.), code comments, modularity 10%
Demo 15%

THE LABS ARE INDIVIDUAL EFFORTS: INSTANCES OF CHEATING WILL
RESULT IN YOU FAILING THE COURSE