Assembly Language HW#3 (Due: April 21-25)

- Write a program that clears the screen, locates the cursor near the middle of the screen, prompts the user for entering a string in the form of N=n F=f G=g where the N=, F=, and G= are fixed keywords but their sequence is exchangeable (e.g., F=f G=g N=n is also valid). The n, f, and g are integers and their values are all in between 1 and 9 (included). If the user enters an invalid string, display an error message, delay 3 seconds, and clears the screen for user to enter again.
- If a valid string is entered, pass the three numbers, n, f, and g, to the display procedure as that in the homework HW#2.

- Hand-in your HW#3
  1. Demo your program to TAs. TA will test your program with some valid strings as well as some invalid strings as input. (TAs will announce the demo time slots on the course website).
  2. Draw the finite-state machine diagram of your string validation process and show it to TAs when doing the demo.