## CSE 331L / EEE 332L

## **Microprocessor Interfacing & Embedded System**

Summer 2021 Lab- 02: Tasks



- 1. Write a program in assembly language that will -
  - Take 1 single-key input
  - Display a space on screen after the input (Hint: ASCII value for 'space' is 20h)
  - Display the input taken earlier using the single-key output function

Sample input & output
E E

- 2. Write a program in assembly language that will -
  - Take 2 single-key inputs
  - Insert a space on screen after the inputs (Hint: ASCII value for 'space' is 20h)
  - Display the inputs using the single-key output function

Sample input & output (screen should look like this after you run the code) k2 k2

- 3. Write a program in assembly language that will -
  - Take 2 single-key inputs, display the inputs in reverse order.

Sample input & output (screen should look like this after you run the code)

4FF4

- Take 3 single-key inputs, display the inputs in reverse order. A space should separate the inputs and outputs

Sample input & output (screen should look like this after you run the code)

4eF Fe4