Laboratory Exercise 5: Adding Integer Input

Introduction

Since high level languages has functions for input and output, it is much more straight forward to perform input operation. However, when using low-level language, the input operation is manually implemented.

Learning Outcomes:

- Implement legal integer input using input interrupts.
- Process integer input, then display the output from memory.

Problem Background:

Using function `0AH, int 21H` perform the input 2 items of a 4-digit integer. Be sure that only a legal integer input is accepted. The store these 2 items on memory.

Add the integer input and store the result on the memory

Display the result using function `0AH, int 10H`. Be sure to adjust the display items on screen using the correct interrupt.

Example:

```
Input 1: 123
Input2: 436
Sum: 559
```