LAB8 – Strings
Exercise 1

Write a program to do followings.

- Define an array of characters (sentence).
  (Maximum size is 100.)

- Ask user to enter the sentence.
  Use the **gets()** function.

- Ask user to enter an operation code.
  1. Convert to upper letters
  2. Convert to lower letters

- By looping through each letter of sentence, perform the
  operation and display the result.
  Use the **toupper()** / **tolower()** functions.

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Exercise 2

Write a program to do followings.

- Define a sentence variable (max size 100).

- Ask user to enter a sentence.

- By looping through the characters in sentence, display one
  character at a time on screen.

- When any the following seperators are encountered in sentence,
  print a newline character ("\n") on screen.
  The seperators are: **Space , Comma, Period**

- **GOAL:** Program will display each word at a new line on screen.

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Exercise 3

Write a program to do followings.

- Define an array of name strings.
  (Two dimensional character matrix).

- Row size is 10, column size is 6 letters.
  The last letter of a name will be used for the NULL ('\0').

- By loopings, initialize each name in the array with **random
  letters** (all uppercase).

- Display all names in array.

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