## Exercise #10

You don't need to turn in your homework, but you should practice all problems because they		
		ably appear in the later exam. 作業自己練習不用交,之後考試可能會出現類似
j	題目	
		m 1. Input a string containing lower case letters, and convert it to an upper case
	string.	(using the functions in Character Handling Library <ctype.h>)</ctype.h>
	□ Proble	m 2. Reverse Only Letters (you can find solutions from leetcode)
	0	Write a function, given a string S, return the "reversed" string where all characters
	_	that are not a letter stay in the same place, and all letters reverse their positions.
		Note:
		S.length <= 100
		33 <= S[i].ASCIIcode <= 122
		S doesn't contain \ or "
		Example 1:
		☐ Input: "ab-cd"
	_	☐ Output: "dc-ba"
		Example 2:
		☐ Input: "a-bC-dEf-ghIj" 
		□ Output: "j-Ih-gfE-dCba"
		Example 3:
		☐ Input: "Test1ng-Leet=code-Q!"
		☐ Output: "Qedo1ct-eeLg=ntse-T!"
☐ Problem 3. Letter Case Permutation (you can find solutions from leetcode)		
		Given a string S, we can transform every letter individually to be lowercase or
		uppercase to create another string. Return a list of all possible strings we could
		create.
		Note:
		☐ S will be a string with length between 1 and 12.
		☐ S will consist only of letters or digits.
		Example 1:
		$\square$ Input: $S = "a1b2"$
		☐ Output: ["a1b2", "a1B2", "A1b2", "A1B2"]
		Example 2:
		$\square$ Input: $S = "3z4"$
		□ Output: ["3z4", "3Z4"]
		Example 3:
		□ Input: $S = "12345"$
		□ Output: ["12345"]