Chapter 7 Homework

Prof. Sungdeok Cha
TA. Hodong Kim
Korea University

Exercise 1

- Write a program that receives a string and copy the input string to another string variable with your own function. Then, print out both strings.
- The function should gets a destination string, an original string, and a length of original string as parameters.
- char string1[80]; char string2 [80];

```
Enter your string that you want to copy. :I like wine.
original: I like wine.
your copy:I like wine.
계속하려면 아무 키나 누르십시오 . . .
```

Exercise 2

- Write your own function that receives two strings and compares the input strings.
- If two strings are same, return 1; otherwise, return 0.
- char string1[80]; char string2 [80];

```
Enter two strings: str1 str1
str1 and str1 are equal.

Enter two strings: helloword hello
helloword and hello are not equal.

Enter two strings: string1 string2
string1 and string2 are not equal.
```

Exercise 3

- Write a program that inputs two strings, and concatenates the two strings into the first one by your own function.
- (e.g., s1: Hello, s2:World -> s1: HelloWorld, s2: World)
- char string1[80]; char string2 [80];

```
Etner two strings: str1 str2
str1str2
```

Exercise 4

- A 'palindrome' is a word which reads the same backward as forward. Write a program that has your own function which takes a string as a input and print the string is a palindrome or not.
- And, if the input is not a palindrome, make a palindrome with input and print it out.
- Ex) rotator -> rotator: a palindrome

  sol -> los: not a palindrome

  then, make it like, sol -> solos.
- char string1[40]; char string2 [100];

```
level
'level' is a palindrome.
계속하려면 아무 키나 누르십시오 . . .
```

```
PPAP
'PPAP' is not a palindrome.
We can make a palindrome 'PPAPAPP' from 'PPAP'.
계속하려면 아무 키나 누르십시오 . . .
```

<string.h>

- Find out what kind functions are in 'string.h' library.

- No need to submit anything from this page.

Homework 06

- 제출 파일: "본인의학번_HW06.zip"

    ex) 본인의 학번이 2028123456일 경우 -> 2028123456_HW06.zip

    - 아래 내용을 하나로 압축한 zip file.
        - 1.c, …, 4.c
        각각의 문제에 대한 답안 소스파일.

        - 1.png, … , 4png
        각각의 문제에 대한 소스파일을 실행한 실행결과 캡쳐 이미지.
        (jpg 나 png 형식)

- BlackBoard(kulms.korea.ac.kr) → Assignments
- Due Date : 2018/05/08 23:59
- **형식에 맞지 않는 제출물은, 미제출로 처리됩니다.**