2810ICT Week1 PythonLab

1. Problem: Given 2 strings, a and b, print a string of the form short+long+short, with the shorter string on the outside and the longer string on the inside. The strings will not be the same length, but they may be empty (length 0).

Input: "Hello", "hi"   
Output: "hiHellohi"   
Input: "aaa", "b"   
Output: "baaab"

Solution:

words = input("Please input 2 words separated by a space: ")  
  
a, b = words.split(' ')  
  
if len(a) > len(b):  
 print(b+a+b)  
elif len(a) == len(b):  
 print("equal length words")  
else:  
 print(a+b+a)