2810ICT Week1 PythonLab

1. Problem: Write a program which takes a number n and adds up the numbers in the range 0..n

Input: 3   
Output: 6   
Input: 10   
Output: 55   
Input: 20   
Output: 210

Solution:

n = input("input a number: ")  
total = 0  
  
for a in range(0, int(n)+1):  
 total += a  
  
print(total)  
  
problem 7  
words = input("enter two words: ")  
  
one, two = words.split(" ")  
  
if len(one) > 0 and len(two) > 0:  
 newword = one[0] + two[-1]  
elif len(one) == 0 and len(two) > 0:  
 newword = "@" + two[-1]  
elif len(one) > 0 and len(two) == 0:  
 newword = one[0] + "@"  
else:  
 newword = "@@"  
  
print(newword)