

Stream: Python
Tech Module: Command Line Arguments
Project: 1

Through command line arguments three strings separated by space are given to you. Each string is a series of numbers separated by hyphen(-). You like all the numbers in string 1 and dislike all the numbers in string 2.

Third string contains the numbers given to you. Your initial happiness is 0. When you encounter a number which is present in string 1, add 1 to your happiness, if it is present in string 2, add -1 to your happiness. Otherwise, your happiness does not change. Output your final happiness at the end.

Sample input 1: 3-1 5-7 1-5-3-8

Sample output 1: 1

Explanation:

Numbers in string 1: 3, 1

Numbers in string 2: 5, 7

Numbers given to you: 1, 5, 3, 8

You gain 1 unit of happiness for numbers 1 and 3 which are in string 1. Your total happiness is 2 now.

You lose 1 unit of happiness for number 5 which is in string 2. Your total happiness is 1 now.

8 is not present in either of the strings, so your happiness does not change.

Final happiness is 1.

Sample input 2: 60-77-34-5-2 44-11-99-3 77-15-13-2-34-3

Sample output 2: 2

Explanation:

You gain 1 unit of happiness for numbers 77, 2 and 34 which are in string 1.
Your total happiness is 3 now.

You lose 1 unit of happiness for number 3 which is in string 2. Your total happiness is 2 now.

15 and 13 are not present in either of the strings, so your happiness does not change.

Final happiness is 2.