

./Programming Fundamentals using Python - Part 01/Assignment Set - 04/Assignment on string - L

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1: """
2: Write a python program to display all the common characters between two strings.
3: Return -1 if there are no matching characters.
4:
5: Note: Ignore blank spaces if there are any. Perform case sensitive string comparison wherever necessary.
6:
7: =====
8: | Sample Input          | Expected Output |
9: =====
10: | "I like Python"       | lieyon          |
11: | "Java is a very popular language" |                |
12: =====
13: """
14:
15:
16: def find_common_characters(msg1, msg2):
17:     common = ''
18:     for char in msg1:
19:         if char in msg2 and char.isalpha() and char not in common:
20:             common += char
21:
22:     if not len(common):
23:         return -1
24:     else:
25:         return common
26:
27:
28: msg1 = "I like Python"
29: msg2 = "Java is a very popular language"
30: common_characters = find_common_characters(msg1, msg2)
31: print(common_characters)
```