Finger Exercises Lecture 8

The questions below are due on Wednesday October 05, 2022; 03:00:00 PM.

1) Question 1 of 1

Implement the function that meets the specification below.:

```
def same_chars(s1, s2):
    """
    s1 and s2 are strings
    Returns boolean True is a character in s1 is also in s2, and vice
    versa. If a character only exists in one of s1 or s2, returns  False.
    """
    # Your code here

# Examples:
print(same_chars("abc", "cab"))     # prints True
print(same_chars("abccc", "caaab")) # prints True
print(same_chars("abcd", "cabaa"))  # prints False
print(same_chars("abcabc", "cabz")) # prints False
```

```
1  # your function here
   def same_chars(s1, s2):
       """s1 and s2 are strings
       Returns boolean True if a character in s1 is also in s2, and vice
       versa. If a character only exists in one of s1 or s2, returns False.
       """
       compare = True

       for char in s1:
           if char not in s2:
               compare = False
               return compare

       for char in s2:
           if char not in s1:
               compare = False
               return compare

       return compare
```

You have infinitely many submissions remaining.

Here is the solution we wrote:

```
def same_chars(s1, s2):
    for i in s1:
        if i not in s2:
            return False
    for i in s2:
        if i not in s1:
            return False
    return True
```

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6.100L Introduction to CS and Programming Using Python

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