Github link :

1.  
def check\_strings(s1, s2):

s1\_lower = s1.lower()

s2\_lower = s2.lower()

common\_chars = []

uncommon\_chars\_s1 = []

uncommon\_chars\_s2 = []

set\_s1 = set(s1\_lower)

set\_s2 = set(s2\_lower)

common\_chars\_set = set\_s1.intersection(set\_s2)

for char in s1:

if char.lower() in common\_chars\_set:

common\_chars.append(char)

for char in s1:

if char.lower() not in common\_chars\_set:

uncommon\_chars\_s1.append(char)

for char in s2:

if char.lower() not in common\_chars\_set:

uncommon\_chars\_s2.append(char)

if ''.join(common\_chars).lower() == s1\_lower:

print("Yes")

print("String1:", ''.join(common\_chars))

print("String2:", ''.join(uncommon\_chars\_s2))

else:

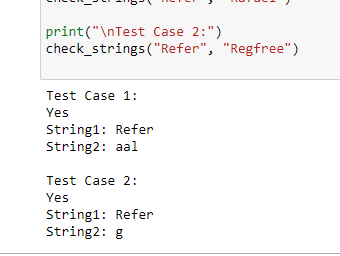
print("No")

print("Test Case 1:")

check\_strings("Refer", "Rafael")

print("\nTest Case 2:")

check\_strings("Refer", "Regfree")



2.  
def reverse\_words\_in\_string(s):

words = s.split()

reversed\_words = [word[::-1] for word in words]

reversed\_string = ' '.join(reversed\_words)

return reversed\_string

sample\_input = "ViDeo SurVeiLLance SyStems"

print("Input:", sample\_input)

print("Output:", reverse\_words\_in\_string(sample\_input))

