

## Bhatnagar\_Shubham\_ACSL\_JR\_ROUND2.py

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1 file = open("2-jr.txt","r")
2 output = []
3 for line in file.readlines():
4     line = line.rstrip()
5     strings = line.split(" ")
6     str1 = list(strings[0])
7     str2 = list(strings[1])
8     vowels = ["A","E","I","O","U"]
9     delList = []
10    for i in range(len(str1)-1):
11        if str1[i] not in vowels and str1[i+1] not in vowels and str1[i] == str1[i+1]:
12            delList.append(i+1)
13    x = 0
14    for i in delList:
15        str1.pop(i-x)
16        x+=1
17    delList = []
18    for i in range(len(str2)-1):
19        if str2[i] not in vowels and str2[i+1] not in vowels and str2[i] == str2[i+1]:delList.append(i+1)
20    x = 0
21    for i in delList:
22        str2.pop(i-x)
23        x+=1
24    while True:
25        foundVowel = False
26        for i in range(len(str1)):
27            if str1[i] in vowels and i != 0:
28                str1.pop(i)
29                foundVowel = True
30                break
31        if foundVowel == False:break
32    while True:
33        foundVowel = False
34        for i in range(len(str2)):
35            if str2[i] in vowels and i != 0:
36                str2.pop(i)
37                foundVowel = True
38                break
39        if foundVowel == False:break
40    while True:
41        found = False
42        for i in range(min(len(str1),len(str2))):
43            if str1[i] == str2[i]:
44                str1.pop(i)
45                str2.pop(i)
46                found = True
47                break
48        if found == False:break
49    while True:
50        found = False
51        for i in range(min(len(str1),len(str2))):
52            if str1[-1*(i+1)] == str2[-1*(i+1)]:
53                str1.pop(-1*(i+1))
54                str2.pop(-1*(i+1))
55                found = True
56                break
57        if found == False:break
58    if len(str1) < len(str2):output.append("".join(str1))
59    elif len(str1) > len(str2):output.append("".join(str2))
60    else:output.append(min("".join(str2),"".join(str1)))
61 for i in output:print(i)
62
63
64
65
```