

1768.

word1 word2
a b c p q r

a p b q c r

a b p q r s

a p b q r s

a b c d p q

a p b q c d

len = 12/100

lowercase

1. Expand word1

abc \rightarrow a \square b \square c \square

2. put word2 into \square

word-merged

len = len(word1) + len(word2)
 \downarrow \downarrow
 count1 count2

for i in len(word-merged):

if i % 2 == 0:

i % 2 == 1
count2

if count1 < len(word1):
word-merged[i] = word1[count1]
count1 += 1

else: count1 useless

word-merged[i] = word2[count2]

count2 += 1