import numpy

def find\_min\_rotations(s1, s2):

if len(s1) != len(s2):

return -1

s1s1 = s1 + s1

if s2 in s1s1:

return s1s1.index(s2)

else:

return -1

s1 = "orvicej"

s2 = "jorvice"

print(find\_min\_rotations(s1, s2))

s1 = "rvicejo"

s2 = "jorvice"

print(find\_min\_rotations(s1, s2))