from collections import OrderedDict

a="".join(OrderedDict.fromkeys(input()))

b="".join(OrderedDict.fromkeys(input()))

stuff=(list(sorted(set(a)&set(b))))

ans=[]

for x in stuff:

ans1=a.split(x)

ans2=b.split(x)

ans.append(ans1[0]+x+ans2[1])

ans.append(ans2[0]+x+ans1[1])

print("\n".join(sorted(ans)))