#Problem 2

t=eval(input())

t=[str(i) for i in t]

t.sort()

b=''

for i in range(len(t)-1):

if t[i][0]==t[i+1][0] and len(t[i])<len(t[i+1]):

a=t[i]

t[i]=t[i+1]

t[i+1]=a

for i in range(len(t)-1,-1,-1):

b=b+t[i]

print(int(b))