import java.util.\*;

class Main

{

public static void main(String[] args)

{

Scanner in = new Scanner(System.in);

String input = in.next();

StringBuilder low = new StringBuilder("");

StringBuilder up = new StringBuilder("");

for(int i=0;i<input.length();i++)

{

if(input.charAt(i)<='z'&&input.charAt(i)>='a')

{

low.append(input.charAt(i));

}

else

{

up.append(input.charAt(i));

}

}

String l= low.toString();

String u=up.toString();

char tl[] = l.toCharArray();

char tu[] =u.toCharArray();

Arrays.sort(tl);

Arrays.sort(tu);

String lower = String.valueOf(tl);

String upper= String.valueOf(tu);

StringBuilder n = new StringBuilder("");

int max= Math.max(lower.length(),upper.length());

for(int j=0;j<max;j++)

{

try{

n.append(upper.charAt(j));

n.append(lower.charAt(j));}

catch(Exception e){}

}

System.out.println(n);

}

}