A **sentence** is a list of words that are separated by a single space with no leading or trailing spaces. Each word consists of lowercase and uppercase English letters.

A sentence can be **shuffled** by appending the **1-indexed word position** to each word then rearranging the words in the sentence.

* For example, the sentence "This is a sentence" can be shuffled as "sentence4 a3 is2 This1" or "is2 sentence4 This1 a3".

Given a **shuffled sentence** s containing no more than 9 words, reconstruct and return *the original sentence*.

**Example 1:**

**Input:** s = "is2 sentence4 This1 a3"

**Output:** "This is a sentence"

**Explanation:** Sort the words in s to their original positions "This1 is2 a3 sentence4", then remove the numbers.

class Solution {

public String sortSentence(String s) {

String[] arr=s.split(" ");

Arrays.sort(arr, new Comparator<String>()

{

public int compare(String s1, String s2)

{

int ch1=s1.charAt(s1.length()-1);

int ch2=s2.charAt(s2.length()-1);

if(ch1<=ch2)

{

return-1;

}

else return 1;

}

});

StringBuilder str=new StringBuilder();

for(String st:arr)

{

String temp=st.substring(0,st.length()-1);

str.append(temp+" ");

}

return str.toString().trim();

}}

