Given a string s, reverse the string according to the following rules:

- All the characters that are not English letters remain in the same position.
- All the English letters (lowercase or uppercase) should be reversed.

Print s after reversing it.

NOTE:- After answering the question, attempt the related question in the linked resource to improve your understanding of the question . Question Link -> https://leetcode.com/problems/reverse-only-letters

Input Format

Constraints

A String

- 1 <= s.length <= 10^5
- s consists of characters with ASCII values in the range [33, 122].
- s does not contain '\"' or '\'

Output Format

A String

Sample Input 0



28-2

Sample Output 0

j-Ih-gfE-dCba



```
1 import java.io.*;
                                  うわらいいと
 2 import java.util.*;
 4 public class Solution {
       public static void main(String[] args) {
          Scanner sc = new Scanner(System.in);
          String str = sc.nextLine();
10
          char ch [] = new char[str.length()];
11
12
          for(int i=0;i<ch.length;i++)ch[i]=str.charAt(i);</pre>
13
14
          int i=0,j=str.length()-1;
15
16
          while(i<j){
17
              if(!Character.isLetter(ch[i]))i++;
18
              else if (!Character.isLetter(ch[j]))j--;
19
              else{
20
                  char temp = ch[i];
21
                  ch[i]=ch[j];
22
                  ch[j]=temp;
23
                  i++;
24
                  j--;
25
26
27
          String ans="";
28
          for(int k=0;k<ch.length;k++)ans+=ch[k];</pre>
29
30
                      System.out.print(ans);
31
32 }
```

32 }

```
Language: Java 15
 1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
       public static void main(String[] args) {
           Scanner sc = new Scanner(System.in);
           String str = sc.nextLine();
10
           char ch [] = new char[str.length()];
11
12
            for(int i=0;i<ch.length;i++)ch[i]=str.charAt(i);</pre>
13
14
           int i=0,j=str.length()-1;
15
16
           while(i<j){
            __if(!((ch[i]>='A' && ch[i]<='Z') || (ch[i]>='a' && ch[i]<='z')))i++;</pre>
17
            __else if (!((ch[j]>='A' && ch[j]<='Z') || (ch[j]>='a' && ch[j]<='z')))j--; ____
18
19
               else{
20
                    char temp = ch[i];
21
                    ch[i]=ch[j];
22
                    ch[j]=temp;
23
                    i++;
24
25
                    j--;
26
27
28
29
           String ans=""; .
           for(int k=0;k<ch.length;k++)ans+=ch[k];</pre>
30
                        System.out.print(ans);
31
```

Given a string str, reverse the order of characters in each word within a sentence while still preserving whitespace and initial word order

Input Format

string str as an input.

Constraints

1 <= str.length <= 10^4

Output Format

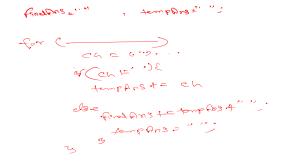
return the desired string.

Sample Input 0

```
s'ELL exat edoCtoel tsefnoc
```

Sample Output 0

```
s'tel ekat edoCteel tsetnoc Let's take s'tel
```



Submitted Code

```
Language: Java 15
 1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
       public static void main(String[] args) {
           Scanner sc = new Scanner(System.in);
 8
 9
           String str = sc.nextLine();
 10
11
12
13
14
           String finalAns="", tempAns="";
            for(int i=0;i<str.length();i++){</pre>
                char ch = str.charAt(i);
15
16
17
                if(ch!=' '){
                    tempAns=ch+tempAns;
18
19
20
21
22
23
24
                }else{
                    finalAns+=tempAns+" ";
                     tempAns="";
            finalAns+=tempAns;
            System.out.print(finalAns);
25
26 }
```