

<https://course.acciojob.com/idle?question=33fd88db-82f3-4034-a264-f8183569935e>

● EASY

● Max Score: 30 Points

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Reverse all words

Given a string `str`. Your task is to reverse each word in the sentence and print the reversed string.

You have to complete `reverseWords` function which contains single string `str` as input and you have to print the required string answer as output in this function only

Input Format

A string containing multiple words

Output Format

A string with all words reversed.

Example 1

Input

```
Welcome to this Javascript Guide!
```

Output

```
emocleW ot siht tpircsavaJ !ediuG
```

Explanation

The first word is reversed from "Welcome" to "emocleW" and similarly all other words are reversed but the order of the words is same

Example 2

Input

```
We played well
```

Output

```
eW deyalp llew
```

Explanation

The first word is reversed from "We" to "eW" and similarly all other words are reversed but the order of the words is same.

Constraints

```
1 <= s.length <= 10^4
```

s contains English letters (upper-case and lower-case), digits, and spaces ' '.

There is at least one word in **s**

Topic Tags

- Strings

My code

// in java

```
import java.util.*;
```

```
class Solution{
    public static void reverseWords(String str){
        //Write your code here and print output in this function only
        int n=str.length();
        String ans="";
        for(int i=0;i<n;i++)
        {
            if(str.charAt(i)==' ')
            {
                System.out.print(ans+" ");
                ans="";
            }
            else ans=str.charAt(i)+ans;
        }
        System.out.print(ans+" ");
    }
}
```

```
public class Main {
    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.nextLine();
        Solution.reverseWords (s);
    }
}
```

}