

<https://course.acciojob.com/idle?question=3afd39b2-9905-42ab-89c9-b2ca3cf74751>

● EASY

● Max Score: 20 Points

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## Reverse Alternate Words of a String

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You are given a sentence as a string. You are required to reverse the words of that sentence alternatively starting from the first word.

### Input Format:

Input consists of 1 line of string s.

### Output Format:

Print the string after modifying it i.e. reversing the words alternatively.

### Example 1

Input:

```
my name is xyz
```

Output::

```
ym name si xyz
```

Explanation:

This is the modified string as we reverse the words "my" and "is".

### Example 2

Input:

abc

Output::

cba

Explanation:

We reverse the only word "abc".

## Constraints:

$1 \leq s.length \leq 100$

### Topic Tags

- **Strings**
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# My code

// in java

```
import java.util.*;  
import java.lang.*;  
import java.io.*;
```

```
public class Main  
{
```

```
    public static void main (String[] args) throws java.lang.Exception  
    {  
        //your code here
```

```

Scanner s=new Scanner(System.in);
String str=s.nextLine();
String arr[]=str.split(" ");
for(int i=0;i<arr.length;i++)
    {
        String st=arr[i];
        int n=st.length();
        if(i%2==0)
        {
            for(int j=0;j<n;j++)
                System.out.print(st.charAt(n-1-j));
        }
        else
        {
            for(int j=0;j<n;j++)
                System.out.print(st.charAt(j));
        }
        System.out.print(" ");
    }
}

```