Given a string s consisting of words and spaces, return the length of the **last** word in the string. A **word** is a maximal substring consisting of non-space characters only. There will be at least one word, consists of only English letters and spaces ' '.

CODE:

import java.util.\*;

public class lengthofLastWord

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String str1;

System.out.println("Enter the string:");

str1=sc.nextLine();

System.out.println("Original String: "+str1);

System.out.println("Length of the last word of the above string: "+length\_Of\_last\_word(str1));

}

public static int length\_Of\_last\_word(String str1) {

int length\_word = 0;

String[] words = str1.split(" ");

if(words.length>0) {

length\_word = words[words.length-1].length();

} else {

length\_word = 0;

}

return length\_word;

}

}

OUTPUT:

C:\javap>javac lengthofLastWord.java

C:\javap>java lengthofLastWord

Enter the string:

Hello World

Original String: Hello World

Length of the last word of the above string: 5

