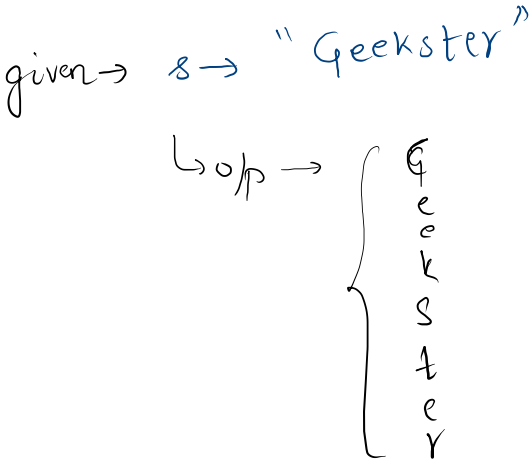
Print Characters

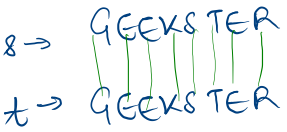



```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        for(int i = 0 ;i < s.length(); i++){
            char ch = s.charAt(i);
            System.out.println(ch);
        }
    }
}
```

Is Equal?

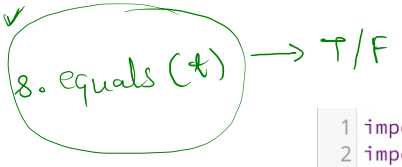
Sample Input 0

```
GEEKSTER
GEEKSTER
```



Sample Output 0

```
true
```

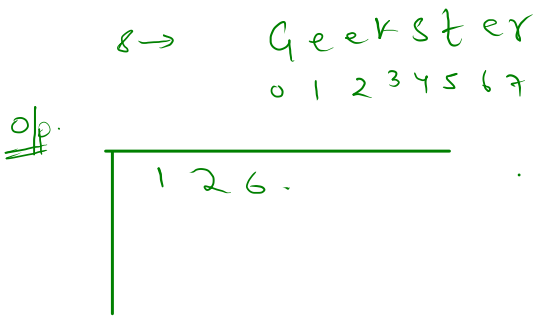


Java →

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

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        String t = scn.next();

        System.out.println(s.equals(t));
    }
}
```

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

public class Solution {

    public static boolean isEqual(String s, String t){
        if(s.length() != t.length()){
            return false;
        }
        for(int i = 0; i < s.length(); i++){
            if(s.charAt(i) != t.charAt(i)){
                return false;
            }
        }
        return true;
    }

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        String t = scn.next();

        System.out.println(isEqual(s,t));
    }
}
```

Print Indices of Vowels




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

public class Solution {
    public static boolean isVowel(char ch){
        if(ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u'){
            return true;
        }
        return false;
    }
    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.next();
        for(int i = 0; i < s.length(); i++){
            char ch = s.charAt(i);
            if(isVowel(ch) == true){
                System.out.print(i + " ");
            }
        }
    }
}
```

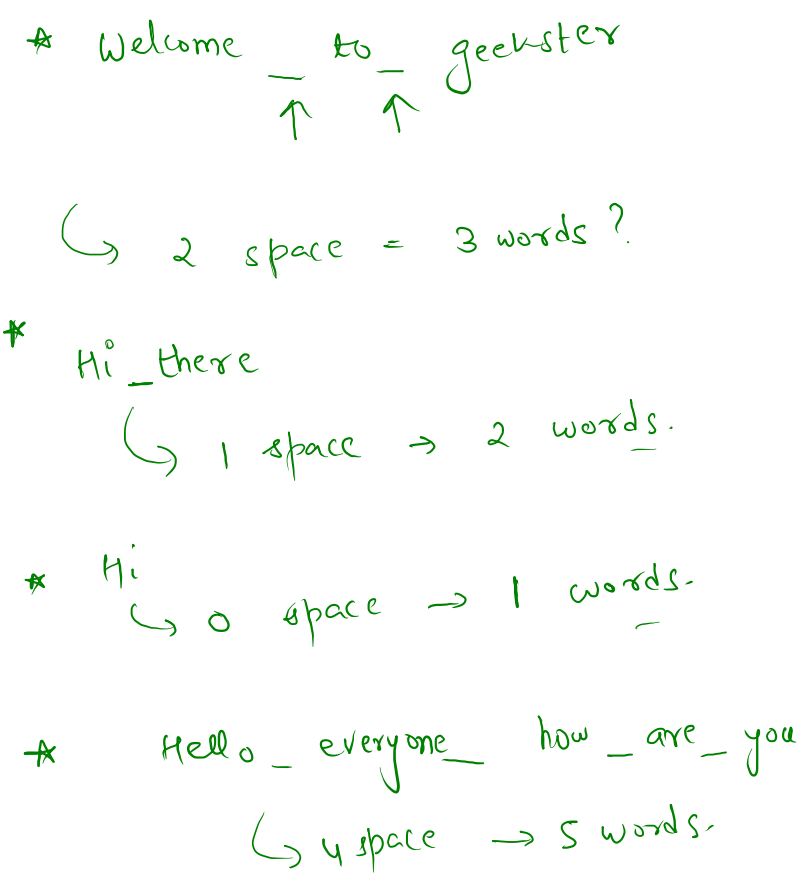
Count Words

Sample Input 0

```
Welcome to geekster
```

Sample Output 0

```
3
```



s → " welcome ___ you __ all _ stars "

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 ...

sp = 3

ans = 4.

```
s[i] == ' '  &&  s[i-1] != ' '
   ↳ spacett
```

welcome _ you _ all _ stars

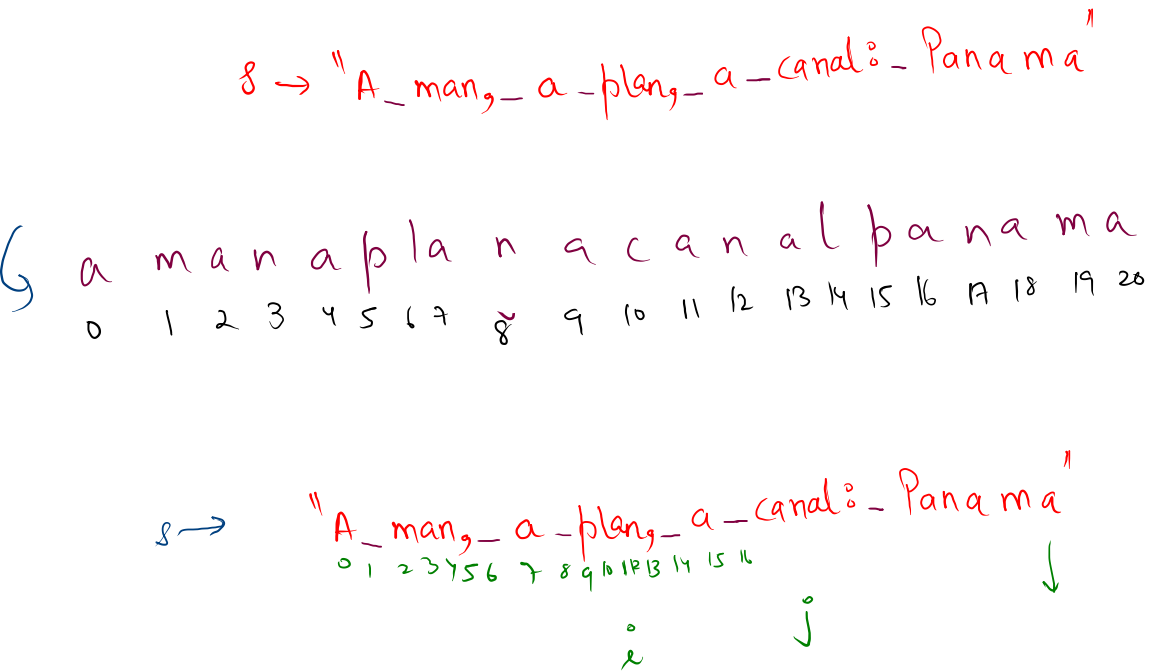
s.charAt(i)

```
ch == ' '
   ↳ space tt
```

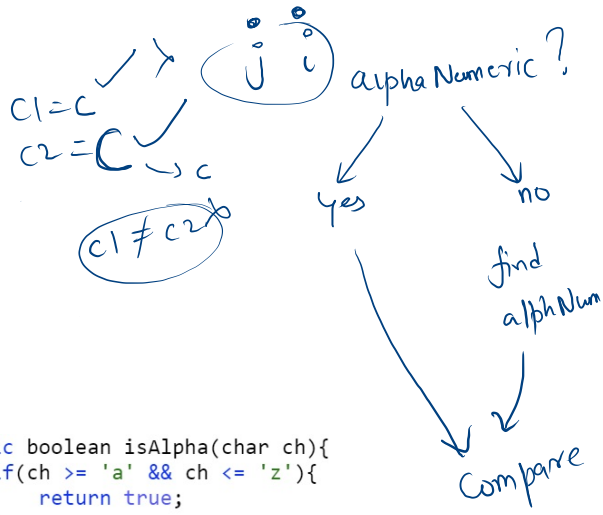
```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        String s = scn.nextLine();
        int count = 1;

        for(int i = 1; i < s.length(); i++){
            if(s.charAt(i) == ' ' && s.charAt(i-1) != ' ' ){
                count++;
            }
        }


        System.out.println(count);
    }
}
```

125. Valid Palindrome

Input: s = "A man, a plan, a canal: Panama"
Output: true
Explanation: "amanaplanacanalpanama" is a palindrome.



s → "A ?8b B ##c C Bb..8 a




```java
public boolean isAlpha(char ch){
    if(ch >= 'a' && ch <= 'z'){
        return true;
    }
    else if(ch >= 'A' && ch <= 'Z'){
        return true;
    }
    else if(ch >= '0' && ch <= '9'){
        return true;
    }
    return false;
}
```

```java
public boolean isPalindrome(String s) {
    int i = 0;
    int j = s.length()-1;
    while(i < j){
        char c1 = s.charAt(i);
        char c2 = s.charAt(j);
        if(!isAlpha(c1)){
            i++;
        }else if(!isAlpha(c2)){
            j--;
        }else{
            //compare

            if(c1 >= 'A' && c1 <= 'Z'){
                c1 = (char)(c1 - 'A' + 'a');
            }
            if(c2 >= 'A' && c2 <= 'Z'){
                c2 =  (char)(c2 - 'A' + 'a');
            }

            if(c1 != c2){
                return false;
            }
            i++;
            j--;
        }
    }
    return true;
}
```

') == false