

Is Equal?

write a program that check if two strings are **identical** or not.

eg.

s → GEEKSTER
0 1 2 3 4 5 6 7
Ⓢ

t → GEEKSTER
0 1 2 3 4 5 6 7

s.len \neq t.len

inbuilt.

s.equals(t)

↳ true / false.

own logic

s → "games"
 ↓
 0 1 2 3 4
t → "gape"

i = 0 0 < 5

g ≠ j

a ≠ -a

m ≠ p

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5     public static boolean isIdentical(String s, String t){
6         if(s.length() != t.length()){
7             return false;
8         }
9         for(int i = 0; i < s.length(); i++){
10             if(s.charAt(i) != t.charAt(i)){
11                 return false;
12             }
13         }
14         return true;
15     }
16 }
17 public static void main(String[] args) {
18     Scanner scn = new Scanner(System.in);
19     String s = scn.next();
20     String t = scn.next();
21
22     boolean ans = isIdentical(s, t);
23     System.out.println(ans);
24 }
25 }
```

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.next();
9         String t = scn.next();
10
11         boolean ans = s.equals(t);
12         System.out.println(ans);
13     }
14 }
```

Print Indices of Vowels

Problem

Submissions

Leaderboard

Discussions

Maggie is a language enthusiast who loves exploring the intricacies of different languages. One day, while studying English, she comes across a coding challenge that involves printing the **indices of vowels** in a given **string**.

Maggie is determined to solve the challenge and begins working on the problem.

Help Maggie and write a program that prompts the user to input a **string**, and then scans the string for **vowels** while keeping track of the **indices**. Whenever you find a **vowel print the index**.

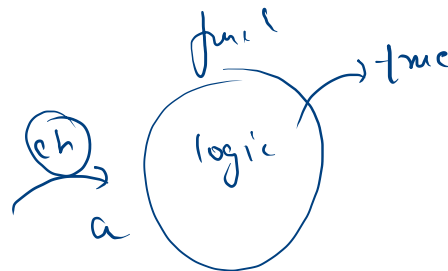
Sample Input 0

```
aqua  
0 2 3
```

Sample Output 0

```
0 2 3
```

" a g u a "



```

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5     public static boolean isVowel(char ch){
6         if((ch == 'a') || (ch == 'e') || (ch == 'i') || (ch == 'o') || (ch == 'u')){
7             return true;
8         }else{
9             return false;
10        }
11    }
12    public static void main(String[] args) {
13        Scanner scn = new Scanner(System.in);
14        String s = scn.next();
15
16        for(int i = 0; i < s.length(); i++){
17            char ch = s.charAt(i);
18
19            if(isVowel(ch)){
20                System.out.print(i + " ");
21            }
22        }
23    }
24 }

```

s → g a m e s
0 1 2 3 4

i = 0 1 2 3 4
= ~~g~~ 'm'

1 3

Count Words

eg.

Sample Input 0

Welcome to geekster

Sample Output 0

3

space +

i

Problem	Submissions	Leaderboard	Discussions
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Samantha was a college student majoring in English literature. One day, her professor assigned the class a writing exercise where they had to write a short story. Samantha was excited about the challenge, but she wasn't sure how to keep track of the **word count** as she wrote.

Can you create a program that can **count** the number of **words** present in the Samantha's short story.

"wel _ _ _ to _ _ and - pg"

"wel _ _ _ to _ _ and _ pg"
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

↑

count = ~~0~~ / ~~1~~ ~~2~~ 3

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.nextLine();
9         int c = 0;
10        int i = 1;
11        while( i < s.length()){
12            if(s.charAt(i) == ' ' && s.charAt(i-1) != ' '){
13                c++;
14            }
15            i++;
16        }
17        System.out.print(c+1);
18    }
19 }
```

aman - geek - dehu

eg.

— aman

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.nextLine();
9         int c = 0;
10        int i = 1;
11        while( i < s.length()){
12            if(s.charAt(i) == ' ' && s.charAt(i-1) != ' ' ){
13                c++;
14            }
15            i++;
16        }
17        System.out.print(c+1);
18    }
19 }
```


Find Unique

Problem

Submissions

Leaderboard

Discussions

Alice was a computer science student who loved to experiment with different programming techniques. One day, she came across a problem that required her to find the total number of unique digits in a given string.

Write a program that find out the number of unique digits in a string.

Sample Input 0

100234

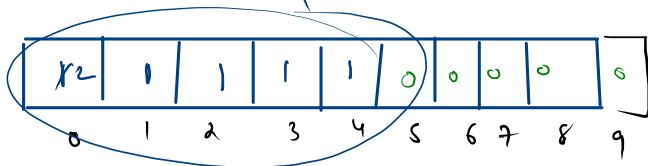
Sample Output 0

5

10 Digits.
0-9

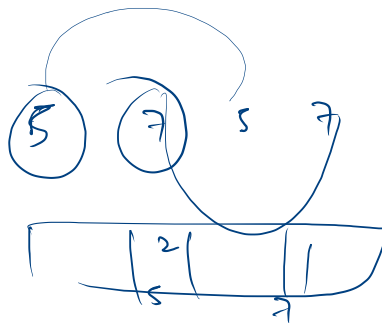
"1 0 0 2 3 4"

!=0



0 ✓
1 ✓
2 ✓
3 ✓
4 ✓

5 7 5 7
↘ (2)



0 →

1 →

2 →

3

4

5

6

7

8

9



ans = 1

8 →

2 2 2 2 2

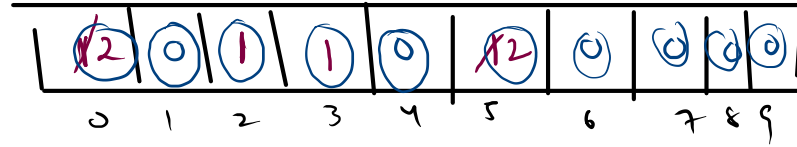
```

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scn = new Scanner(System.in);
8         String s = scn.next();          //'2005'
9
10        int [] freq = new int[10];
11
12        for(int i = 0; i < s.length(); i++){
13            char ch = s.charAt(i);        //'2'
14            freq[ch - '0']++;
15        }
16        int ans = 0;
17        for(int i = 0; i < freq.length; i++){
18            if(freq[i] != 0)
19            {
20                ans++;
21            }
22        }
23        System.out.println(ans);
24    }
25 }

```

8 → " 200535 "

0 1 2 3 4 5



$i = 0$

~~ans = 0~~ ~~1~~ ~~2~~ ~~3~~ ~~4~~

ch = '0'

'0' - '0' = 0

50 - 48 = 2

→
n a m a n
←

s → n a m a n
 i o

t → n a m a n

s.equals(t)