**The art of verification**

Attempted by: **2514**

/

Accuracy: **75%**

/

Maximum Score: **20**

/

944 Votes

Tag(s):

Ad-Hoc, Easy

**PROBLEM**

**EDITORIAL**

**MY SUBMISSIONS**

**ANALYTICS**

Cleartrip decided that they wanted to verify the username and password of its users while they were authenticating for a process. One of the code service forms a **GET URL** which contains the username and password as its parameters. While parsing the URL, the code needs to **extract the key-value pairs of ALL the parameters** passed in the request URL which may contains '&' or/and '='.

The string can contain any type of alphabetical, numeric and special characters in the URL.

**Input format:**  
A valid Cleartrip link.

**Output format:**  
Print the following:  
username: From the URL.   
pwd: From the URL.  
profile: From the URL.  
role: From the URL.  
key: From the URL.

**Constraints:**  
1 <= **|Length of the URL|** <= 100

**SAMPLE INPUT**

http://www.cleartrip.com/signin/service?username=test&pwd=test&profile=developer&role=ELITE&key=manager

**SAMPLE OUTPUT**

username: test

pwd: test

profile: developer

role: ELITE

key: manager

**Time Limit:**2.0 sec(s) for each input file.

**Memory Limit:**256 MB

**Source Limit:**1024 KB

**Marking Scheme:**Marks are awarded when all the testcases pass.

**Allowed Languages:**C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Scala 2.11.8, Swift, Visual Basic

<https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/the-art-of-verification/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

//string url = "http://www.cleartrip.com/signin/service?username=test&pwd=test&profile=developer&role=ELITE&key=manager";

// string url = "http://www.cleartrip.com/signin/service?username=test&pwd=test&12=3&profile=developer&role=ELITE&key=manager";

string url = Console.ReadLine();

int i\_username = url.IndexOf("username");

int i\_pwd = url.IndexOf("pwd");

int i\_profile = url.IndexOf("profile");

int i\_role = url.IndexOf("role");

int i\_key = url.IndexOf("key");

Console.WriteLine(url.Substring(i\_username, i\_pwd - i\_username-1).Replace("=",": "));

//Console.WriteLine(url.Substring(i\_pwd, i\_profile - i\_pwd - 1));

string pwd = url.Substring(i\_pwd, i\_profile - i\_pwd - 1);

int igual = pwd.IndexOf("=");

string a = pwd.Substring(0, igual) + ": ";

string b = pwd.Substring(igual+1, pwd.Length - igual-1);

Console.WriteLine(a + b);

Console.WriteLine(url.Substring(i\_profile, i\_role - i\_profile - 1).Replace("=", ": "));

Console.WriteLine(url.Substring(i\_role, i\_key - i\_role - 1).Replace("=", ": "));

Console.WriteLine(url.Substring(i\_key, url.Length - i\_key).Replace("=", ": "));

Console.ReadLine();

}

}

}