**Print hackerearth**

Attempted by: **4596**

/

Accuracy: **89%**

/

Maximum Score: **10**

/

58 Votes

Tag(s):

Basic Programming, Very-Easy

**PROBLEM**

**EDITORIAL**

**MY SUBMISSIONS**

**ANALYTICS**

As a beginner to the programming, Mishki came to Hackerearth platform, to become a better programmer. She solved some problems and felt very confident. Later being a fan of Hackerearth, she gave a problem to her friends to solve. They will be given a string containing only lower case characters (a-z), and they need to find that by using the characters of the given string, how many times they can print "hackerearth"(without quotes). As they are new to programming world, please help them.

**Input**:  
The first line will consists of one integer NN denoting the length of string.   
Next line will contain the string StrStr containing only lower case characters.

**Output**:  
Print one integer, denoting the number of times her friends can print "hackerearth" (without quotes).

**Constraints**:  
1≤N≤1061≤N≤106  
Each character of string StrStr will be in range [a,z][a,z]

**SAMPLE INPUT**

13

aahkcreeatrha

**SAMPLE OUTPUT**

1

**Explanation**

Here by using the characters of string, her friends can print "hackerearth" (without quotes) only 1 time.

**Time Limit:**1.0 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/print-hackerearth/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

// string s = "aahkcreeatrha";

int n = int.Parse(Console.ReadLine());

string s = Console.ReadLine();

string h = "hackerearth";

Dictionary<char, int> frec = new Dictionary<char, int>();

for (int i = 0; i < h.Length; i++)

{

frec[h[i]] = 0;

}

//cuento las veces que aparece cada letra de 'hackerearth' en s

foreach (char ch in s)

{

if (frec.ContainsKey(ch))

{

frec[ch]++;

}

}

//hackerearth

frec['h'] /= 2; //lo divido por la cantidad de veces que aparece la 'h' en 'hackerearth'

frec['a'] /= 2; //lo divido por la cantidad de veces que aparece la 'a' en 'hackerearth'

frec['e'] /= 2; //lo divido por la cantidad de veces que aparece la 'e' en 'hackerearth'

frec['r'] /= 2; //lo divido por la cantidad de veces que aparece la 'r' en 'hackerearth'

//foreach (var kvp in frec)

//{

// Console.WriteLine(kvp.Key + " " + kvp.Value);

//}

//la menor cantidad de veces que aparece una letra es el resultado

Console.WriteLine(frec.Values.Min());

Console.ReadLine();

}

}

}