When you recently visited your little nephew, he told you a sad story: there's a bully at school who steals his lunch every day, and locks it away in his locker. He also leaves a note with a strange, coded message. Your nephew gave you one of the notes in hope that you can decipher it for him. And you did: it looks like all the digits in it are replaced with letters and vice versa. Digit 0 is replaced with 'a', 1 is replaced with 'b' and so on, with digit 9 replaced by 'j'.

The note is different every day, so you decide to write a function that will decipher it for your nephew on an ongoing basis.

**Example**

For note = "you'll n4v4r 6u4ss 8t: cdja", the output should be  
stolenLunch(note) = "you'll never guess it: 2390".

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] string note**

A string consisting of lowercase English letters, digits, punctuation marks and whitespace characters (' ').

*Constraints:*  
0 ≤ note.length ≤ 500.

* **[output] string**

The deciphered note.

<https://codefights.com/arcade/code-arcade/lab-of-transformations/M97sbwRp3tGy8uAb8>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string stolenLunch(string note)

{

string s = "abcdefghijklmnopqrstuvwxyz";

char[] ans = note.ToCharArray();

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

{

if (note[i] >= 'a' && note[i] <= 'j')

{

ans[i] = char.Parse(Array.IndexOf(s.ToCharArray(), note[i]).ToString());

}

else if (note[i] >= '0' && note[i] <= '9')

{

// ans[i] = char.Parse(Array.IndexOf(s.ToCharArray(), note[i]).ToString());

ans[i] = s[int.Parse(note[i].ToString())];

}

}

return new string(ans);

}

static void Main(string[] args)

{

string note = "just 63jd73 some random note jkhdf83 ds823 that you, dfj238 dsf38 little one?, will abjk38 s83 skdu3 29never get!";

Console.WriteLine(stolenLunch(note));

Console.ReadLine();

}

}

}