Define an alphabet reflection as follows: a turns into z, b turns into y, c turns into x, ..., nturns into m, mturns into n, ..., z turns into a.

Define a string reflection as the result of applying the alphabet reflection to each of its characters.

Reflect the given string.

Example

For inputString = "name", the output should be  
reflectString(inputString) = "mznv".

Input/Output

* **[execution time limit] 3 seconds (cs)**
* **[input] string inputString**

A string of lowercase characters.

Guaranteed constraints:  
3 ≤ inputString.length ≤ 1000.

* **[output] string**

<https://app.codesignal.com/tournaments/YJ49BdxHY7D62LppJ/C>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string reflectString(string inputString)

{

string ans = "";

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

{

ans += ((char)('z' - inputString[i] + 'a')).ToString();

}

return ans;

}

static void Main(string[] args)

{

string inputString = "name";

Console.WriteLine(reflectString(inputString));

Console.ReadLine();

}

}

}