This is a [reverse challenge](keyword://reverse-challenge). No description provided. Have fun!

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

A string of uppercase English letters and symbols '-' and '+'.

*Constraint:*  
1 ≤ code.length ≤ 103,  
code[0] (the first character) is always a capital letter 'A' to 'Z'.

* **[output] string**

A string of uppercase letters 'A' to 'Z'.

<https://codefights.com/challenge/JGpAv9mkqkpCacQm2/main>

Input:

**code:** "A++"

Output:

*Empty*

Expected Output:

"C"

Console Output:

*Empty*

Input:

**code:** "C--"

Output:

*Empty*

Expected Output:

"A"

Console Output:

*Empty*

Input:

**code:** "I-B-M-"

Output:

*Empty*

Expected Output:

"HAL"

Console Output:

*Empty*

Input:

**code:** "L-++--+"

Output:

*Empty*

Expected Output:

"L"

Console Output:

*Empty*

Input:

**code:** "CODE"

Output:

*Empty*

Expected Output:

"CODE"

Console Output:

*Empty*

Input:

**code:** "H----+++++++++++++++++++E-+++--++++++++++L--++++++++L-+--++O--+----+-------"

Output:

*Empty*

Expected Output:

"WORLD"

Console Output:

*Empty*

Input:

**code:** "M--++-+---+--+-+-+++++++++A+-----++-++-+++++--+++++-++-----++-+---++++++++++D-++-+-++++--++++---++--+-+-------E----+++------++-++++++++++++++P+-+++----+++-+---++-+--++-++++-----U-++-+-++++-+--+-++-----------Z-+----++--+-+++-+-++---+-+-+++--+++++--------------------Z+-+++++++-+-++-++++------+--+---------------------------L-+-+-++----++-+--+-++--+---+-++--+--+--++++E+----+--+++++--+-+-+-+++--++-+---"

Output:

*Empty*

Expected Output:

"RLAMONIDID"

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string SimpleSecretMessage(string code)

{

string ans = "";

int i = 0;

while (i < code.Length)

{

int mas = 0, menos = 0;

char actual = code[i];

i++;

while (i < code.Length && !char.IsLetter(code[i]))

{

if (code[i] == '+')

{

mas++;

}

else if (code[i] == '-')

{

menos++;

}

i++;

}

if (mas > menos)

{

int der = mas - menos;

for (int j = 0; j < der; j++)

{

actual++;

}

//ans += alfa[Array.IndexOf(alfa.ToCharArray(), actual) + der];

}

else if (menos > mas)

{

int izq = menos - mas;

for (int j = 0; j < izq; j++)

{

actual--;

}

//ans += alfa[Array.LastIndexOf(alfa.ToCharArray(), actual) -izq];

}

ans += actual;

// i++;

}

return ans;

}

static void Main()

{

Console.WriteLine(SimpleSecretMessage("L--"));

Console.ReadLine();

}

}

}