A media access control address (MAC address) is a unique identifier assigned to network interfaces for communications on the physical network segment.

The standard (IEEE 802) format for printing MAC-48 addresses in human-friendly form is six groups of two hexadecimal digits (0 to 9 or Ato F), separated by hyphens (e.g. 01-23-45-67-89-AB).

**Example**

* For inputString = "00-1B-63-84-45-E6", the output should be  
  isMAC48Address(inputString) = true;
* For inputString = "Z1-1B-63-84-45-E6", the output should be  
  isMAC48Address(inputString) = false;
* For inputString = "not a MAC-48 address", the output should be  
  isMAC48Address(inputString) = false.

**Input/Output**

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

*Constraints:*  
15 ≤ inputString.length ≤ 20.

* **[output] boolean**

true if inputString corresponds to MAC-48 address naming rules, false otherwise.

<https://codefights.com/arcade/code-arcade/book-market/HJ2thsvjL25iCvvdm>

static bool isMAC48Address(string inputString)

{

string[] partes = inputString.Split('-');

if (partes.Length != 6)

{

return false;

}

foreach (string elem in partes)

{

char[] carValidos = {'0','1','2','3','4','5','6','7','8','9',

'A','B','C','D','E','F'};

if (elem.Length != 2)

{

return false;

}

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

{

if (!carValidos.Contains(elem[i]))

{

return false;

}

}

}

return true;

}