**7 kyu**

**Only one**

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Python

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Given any number of boolean flags function should return true if and only if one of them is true while others are false. If function is called without arguments it should return false.

only\_one() == False

only\_one(True, False, False) == True

only\_one(True, False, False, True) == False

only\_one(False, False, False, False) == False

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp2

{

class Program

{

public static bool OnlyOne(params bool[] flags)

{

if (flags.Length == 0) return false;

int t = 0, f = 0;

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

{

if (flags[i]) t++;

else f++;

}

return t == 1 && f > 0;

}

static void Main(string[] args)

{

Console.ReadLine();

}

}

}

def only\_one(arr):

if len(arr) == 0: return False

t = 0

for i in range(0, len(arr)):

if arr[i]:

t+=1

if t > 1: return False

return True