You're given an integer n, which stands for the number of the current day in the Solar Calendar. Your task is to find the current date, i.e. the day and the month of day n.

Here's a list of months according to the Solar Calendar:

1. Farvardin: 31 days
2. Ordibehesht: 31 days
3. Khordad: 31 days
4. Tir: 31 days
5. Mordad: 31 days
6. Shahrivar: 31 days
7. Mehr: 30 days
8. Aban: 30 days
9. Azar: 30 days
10. Dey: 30 days
11. Bahman: 30 days
12. Esfand: 30 days

Confusing, isn't it? But don't worry, you need just the first two letters of these months.

Note, that the first 6 months consist of 31days, and the next 6 months consist of 30days.

**Example**

* For n = 1, the output should be  
  Date(n) = "1, Fa".

n = 1 stands for the first day of the year.

* For n = 32, the output should be  
  Date(n) = "1, Or".

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] integer n**

Day number.

*Constraints:*  
1 ≤ n ≤ 366.

* **[output] string**

The current date in format <day>, <mo>, where <day> is the current day, and <mo> is the first two letters of the current month.

<https://codefights.com/challenge/fcjTZHCseXQMc5PDk/main?utm_source=featuredChallenge&utm_medium=email&utm_campaign=email_notification>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string solarDate(int n)

{

var diccio = new Dictionary<string, int[]>();

diccio["Fa"] = new int[] { 1, 31 };

diccio["Or"] = new int[] { 32, 62 };

diccio["Kh"] = new int[] { 63, 93 };

diccio["Ti"] = new int[] { 94, 124 };

diccio["Mo"] = new int[] { 125, 155 };

diccio["Sh"] = new int[] { 156, 186 };

diccio["Me"] = new int[] { 187, 216 };

diccio["Ab"] = new int[] { 217, 246 };

diccio["Az"] = new int[] { 247, 276 };

diccio["De"] = new int[] { 277, 306 };

diccio["Ba"] = new int[] { 307, 336 };

diccio["Es"] = new int[] { 337, 366 };

string ans = "";

foreach (KeyValuePair<string, int[]> kvp in diccio)

{

if (n >= kvp.Value[0] && n <= kvp.Value[1])

{

ans += (n - kvp.Value[0] + 1).ToString() + ", " + kvp.Key;

break;

}

}

return ans;

}

static void Main(string[] args)

{

Console.WriteLine( solarDate(300) );

Console.ReadLine();

}

}

}