

Problem 1154: Day of the Year

Problem Information

Difficulty: Easy

Acceptance Rate: 49.10%

Paid Only: No

Tags: Math, String

Problem Description

Given a string `date` representing a [Gregorian calendar](https://en.wikipedia.org/wiki/Gregorian_calendar) date formatted as `YYYY-MM-DD`, return `the day number of the year`.

Example 1.

Input: `date = "2019-01-09"` **Output:** 9 **Explanation:** Given date is the 9th day of the year in 2019.

Example 2.

Input: `date = "2019-02-10"` **Output:** 41

Constraints:

* `date.length == 10` * `date[4] == date[7] == '-'`, and all other `date[i]`'s are digits * `date` represents a calendar date between Jan 1st, 1900 and Dec 31st, 2019.

Code Snippets

C++:

```
class Solution {
public:
    int dayOfYear(string date) {
```

```
}  
};
```

Java:

```
class Solution {  
    public int dayOfYear(String date) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def dayOfYear(self, date: str) -> int:
```