

Java Date and Time ★

7 more points to get your next star!

Rank: 304565 | Points: 143/150



Your Java Date and Time submission got 15.00 points.

You are now 7 points away from the 4th star for your java badge.

Try the next challenge | Try a Random Challenge

The `Calendar` class is an abstract class that provides methods for converting between a specific instant in time and a set of calendar fields such as YEAR, MONTH, DAY\_OF\_MONTH, HOUR, and so on, and for manipulating the calendar fields, such as getting the date of the next week.

You are given a date. You just need to write the method, `getDay`, which returns the day on that date. To simplify your task, we have provided a portion of the code in the editor.

Example  
`month = 8`  
`day = 14`  
`year = 2017`

The method should return `MONDAY` as the day on that date.

AUGUST 2017						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Function Description

Complete the `findDay` function in the editor below.

`findDay` has the following parameters:

- int: month

Author [deleted]  
Difficulty Easy  
Max Score 15  
Submitted By 293489

NEED HELP?

- View discussions
- View editorial
- View top submissions

RATE THIS CHALLENGE



MORE DETAILS

- Download problem statement
- Download sample test cases
- Suggest Edits



- int: day
- int: year

Returns

- string: the day of the week in capital letters

Input Format

A single line of input containing the space separated month, day and year, respectively, in ***MM DD YYYY*** format.

Constraints

- **2000 < year < 3000**

Sample Input

08 05 2015

Sample Output

WEDNESDAY

Explanation


The day on August 5<sup>th</sup> 2015 was WEDNESDAY.

Change Theme Language Java 7

```
8
9 class Result {
10
11     /*
12      * Complete the 'findDay' function below.
13      *
14      * The function is expected to return a STRING.
15      * The function accepts following parameters:
16      * 1. INTEGER month
17      * 2. INTEGER day
18      * 3. INTEGER year
19      */
20
21     public static String findDay(int month, int day, int year) {
22         Calendar cal = Calendar.getInstance();
23         cal.set(Calendar.MONTH,month-1);
24         cal.set(Calendar.DAY_OF_MONTH,day);
25         cal.set(Calendar.YEAR,year);
26         String dayOfWeek = cal.getDisplayName(Calendar.DAY_OF_WEEK,
27         Calendar.LONG,Locale.US).toUpperCase();
28         return dayOfWeek;
29     }
30 }
```

```
31 }
32
33 public class Solution {
34     public static void main(String[] args) throws IOException {
35         BufferedReader bufferedReader = new BufferedReader(new InputStreamReader
36             (System.in));
37         BufferedWriter bufferedWriter = new BufferedWriter(new FileWriter(System.getenv
38             ("OUTPUT_PATH")));
39
40         String[] firstMultipleInput = bufferedReader.readLine().replaceAll("\\s+$", "")
41             .split(" ");
42
43         int month = Integer.parseInt(firstMultipleInput[0]);
44
45         int day = Integer.parseInt(firstMultipleInput[1]);
46
47         int year = Integer.parseInt(firstMultipleInput[2]);
48
49         String res = Result.findDay(month, day, year);
50
51         bufferedWriter.write(res);
52         bufferedWriter.newLine();
53
54         bufferedReader.close();
55         bufferedWriter.close();
56     }
57 }
```

Line: 33 Col: 24

 Upload Code as File

☐ Test against custom input

Run Code




Submit Code







You have earned 15.00 points!  
You are now 7 points away from the 4th star for your java badge.

90% 143/150

Congratulations

You solved this challenge. Would you like to challenge your friends?   

Next Challenge

✔ Test case 0	Compiler Message
✔ Test case 1 	Success
✔ Test case 2 	Input (stdin) <a href="#">Download</a>
✔ Test case 3 	
✔ Test case 4 	Expected Output <a href="#">Download</a>

