



Java Date and Time ★

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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`
- `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 5th 2015 was WEDNESDAY.

Change Theme Language Java 7



```
1  import java.io.*; ...
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
23         Calendar cal = Calendar.getInstance();
24         cal.set(Calendar.MONTH, month-1);
25         cal.set(Calendar.DAY_OF_MONTH, day);
26         cal.set(Calendar.YEAR, year);
27         String dayOfWeek = cal.getDisplayName(Calendar.DAY_OF_WEEK, Calendar.LONG, Locale.US)
28         .toUpperCase();
29         return dayOfWeek;
30     }
31 }
32 }
33 public class Solution { ...
```

Line: 8 Col: 1

Upload Code as File

☐ Test against custom input

Run Code

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