

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.

For example, if you are given the date **August 14th 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		

Input Format

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

Constraints

- $2000 < year < 3000$

Output Format

Output the correct day in capital letters.

Sample Input

```
08 05 2015
```

Sample Output

```
WEDNESDAY
```

Explanation

The day on August 5th 2015 was WEDNESDAY .