

Java Date and Time

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. Your task is to find what the *day* is on that date.

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**.