

Calendar Module

The calendar module allows you to output calendars and provides additional useful functions for them.

`class calendar.TextCalendar([firstweekday])`

This class can be used to generate plain text calendars.

Sample Code

```
>>> import calendar
>>>
>>> print calendar.TextCalendar(firstweekday=6).formatyear(2015)
2015

    January      February      March
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3    1  2  3  4  5  6  7    1  2  3  4  5  6  7
    4  5  6  7  8  9 10    8  9 10 11 12 13 14    8  9 10 11 12 13 14
   11 12 13 14 15 16 17   15 16 17 18 19 20 21   15 16 17 18 19 20 21
   18 19 20 21 22 23 24   22 23 24 25 26 27 28   22 23 24 25 26 27 28
   25 26 27 28 29 30 31                29 30 31

    April      May      June
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3  4          1  2          1  2  3  4  5  6
    5  6  7  8  9 10 11   3  4  5  6  7  8  9   7  8  9 10 11 12 13
   12 13 14 15 16 17 18   10 11 12 13 14 15 16   14 15 16 17 18 19 20
   19 20 21 22 23 24 25   17 18 19 20 21 22 23   21 22 23 24 25 26 27
   26 27 28 29 30       24 25 26 27 28 29 30   28 29 30
                        31

    July      August      September
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3  4          1          1  2  3  4  5
    5  6  7  8  9 10 11   2  3  4  5  6  7  8   6  7  8  9 10 11 12
   12 13 14 15 16 17 18   9 10 11 12 13 14 15   13 14 15 16 17 18 19
   19 20 21 22 23 24 25   16 17 18 19 20 21 22   20 21 22 23 24 25 26
   26 27 28 29 30 31   23 24 25 26 27 28 29   27 28 29 30
                        30 31

    October      November      December
Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa  Su Mo Tu We Th Fr Sa
    1  2  3    1  2  3  4  5  6  7    1  2  3  4  5
    4  5  6  7  8  9 10    8  9 10 11 12 13 14    6  7  8  9 10 11 12
   11 12 13 14 15 16 17   15 16 17 18 19 20 21   13 14 15 16 17 18 19
   18 19 20 21 22 23 24   22 23 24 25 26 27 28   20 21 22 23 24 25 26
   25 26 27 28 29 30 31   29 30                27 28 29 30 31
```

To learn more about different calendar functions, [click here](#).

Task

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**.