

# COCI '08 Contest 4 #2 Datum

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**Time limit:** 1.0s   **Memory limit:** 32M

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Write a program that, given a date in 2009, determines the day of week on that date.

## Input Specification

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The first line contains two positive integers  $D$  and  $M$  separated by a space. The numbers will be a valid date in 2009.

## Output Specification

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Output the day of the week on  $D$ .  $M$ . 2009. The output should be one of the words `Monday`, `Tuesday`, `Wednesday`, `Thursday`, `Friday`, `Saturday` or `Sunday`.

## Sample Input 1

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```
1 1
```

## Sample Output 1

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```
Thursday
```

## Sample Input 2

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```
17 1
```

## Sample Output 2

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```
Saturday
```

## Sample Input 3

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25 9

### Sample Output 3

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Friday