

# Problem 2 – Days to Apply at Software University

## Problem Definition

Currently Software University is accepting applications for the spring semester. These applications have fast approaching deadline. After the deadline a new introductory course [Programming Basics](#) is starting to ensure the candidates are well prepared for the entry exam on 28<sup>th</sup> April 2015.

Write a program that **reads** from the console the **name of the user** and **prints** a message, notifying him **how many days he has left** for application for the spring semester at Software University. The days should be printed in **binary representation** of the number.

## Input

The input will be a single line, holding the name of the user.

## Output

The output should consists of a single line, holding the string:

**"{name}, you have only {binaryDays} days to apply for the spring semester at Software University!"**.

- **{name}** is the name of the user, read from the console.
- **{binaryDays}** is the binary representation of the number of days left for application for the spring semester at Software University.

## Constraints

- The input will always be a single line;
- Time limit: 0.1 sec. Memory limit: 16 MB.

## Example

**Note:** Below is a sample pair of input and output strings as if today is 1<sup>st</sup> January 2015.

Input	Output
Ivan	Ivan, you have only 1010010 days to apply for the spring semester at Software University!