

Description

In this project, you will be creating your own numeral system converter. If you don't know what a numeral system is, or simply need to brush up on the topic, browse through the relevant [Wikipedia](#) page. Also, there is a [great Youtube video](#) that explains various numeral systems and the relationship between them.

Implement a program that outputs a number in two systems: the first is decimal, and the second one is binary. This must be the same number represented in different systems; feel free to choose any number you like.

This stage is auto-graded. The grader will check that:

- you output a single line;
- there are two numbers;
- the first number is decimal;
- the second number is binary (it starts with `0b` and contains only `0` and `1`);
- the first number is equal to the second one.

Note that you do not need to enter anything into the program, you should print a line prepared in advance. A single String is expected to be printed.

Examples

Example 1:

```
10 = 0b1010
```

Example 2:

```
2 is equal to 0b10
```