

## Problem J

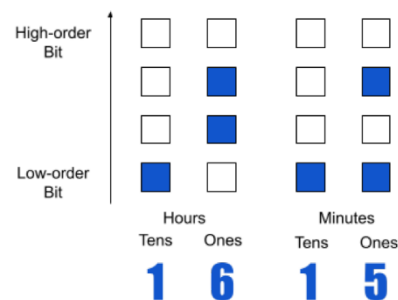
# Binary Clock

**Time Limit: 2 seconds**

**Memory Limit: 512 megabytes**

Tan has just bought a new clock for his room. The clock is a very special one and is readable by those who are familiar with binary numbers. The clock has four columns, each column representing one digit of the current time in hours and minutes.

Time is displayed in 24-hour format, with the 1st (left-most) column displaying the tens position for hours, the 2nd column displaying the ones position for hours, the 3rd column displaying the tens position for minutes, and the last (right-most) column displaying the ones position for minutes. For example, the time 16:55 would be displayed as shown in the figure.



**Task:** Write a program that takes a 24-hour time and print the corresponding clock face.

### Input

The input contains only one line with a number of 4 digits describing a valid 24-hour time, between 0000 and 2359.

### Output

The output contains four lines with a representation of the clock face displaying the given time. The tens of hours shall be in the 1st column, the single hours in the 3rd, the tens of minutes in the 7th, and the single minutes in the 9th. Use asterisks to represent bits that are set and periods to represent bits that are clear. Columns not used are to be filled with spaces. No extra whitespace are to appear at the beginning or end of any output line.

#### Sample Input

#### Sample Output

1615	<pre> . . . . . * . * . * . . * . * *</pre>
1900	<pre> . * . . . . . . . . . . * * . .</pre>
0830	<pre> . * . . . . . . . . * . . . * .</pre>