

# Problem J

## Scanner

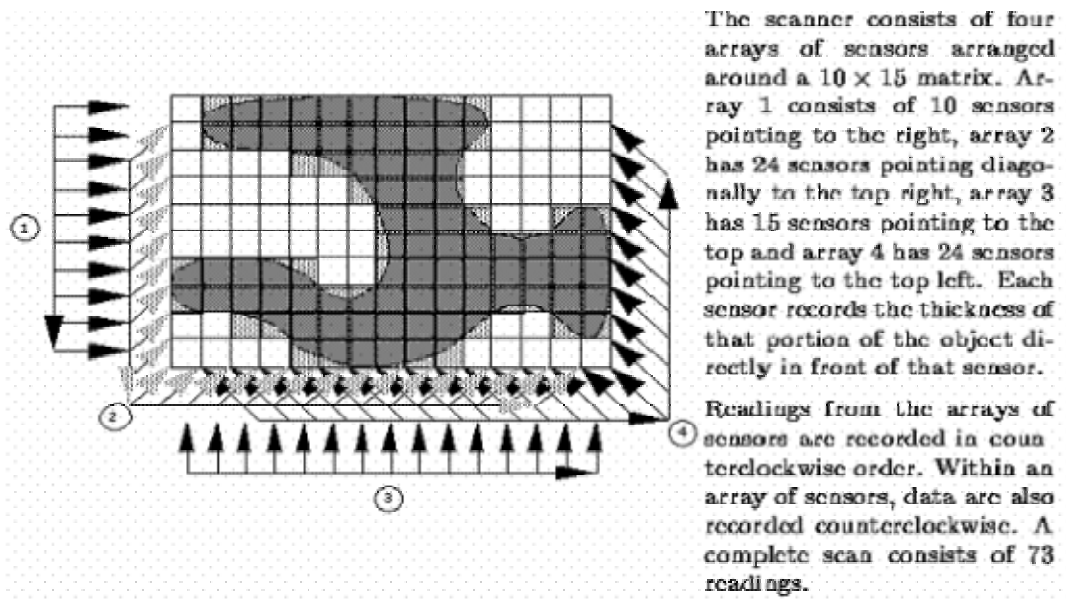
**Input:** standard input

**Output:** standard output

**Time Limit:** 4 seconds

**Memory Limit:** 32 MB

A body scanner works by scanning a succession of horizontal slices through the body; the slices are imaged one at a time. The image slices can be reassembled to form a three dimensional model of the object. Write a program to construct a two dimensional image slice using data captured during the scan.



## Input

The input file begins with a line with an integer indicating the number of image slices to follow. For each image slice, there are separate lines with **10**, **24**, **15**, and **24** integers representing sensor data from sensor arrays **1** through **4** respectively. The order of the readings is indicated in the diagram.

## Output

For each slice, your program should print **10** lines of **15** cells. To indicate that the cell represents a part of the object, print a hash character (#) for the cell; to indicate that the cell is not a part of the object, print a period (.). Between successive output image slices, print a

blank line. It is possible for the result of a scan to be ambiguous, in that case you will have to output a blank picture as shown in the sample output.

**Sample Input (First one describing object above)**

```
2
10 10 6 4 6 8 13 15 11 6
0 1 2 2 2 2 4 5 5 6 7 6 5 6 6 5 5 6 6 3 2 2 1 0
2 4 5 5 7 6 7 10 10 10 7 3 3 5 5
0 0 1 3 4 4 4 4 3 4 5 7 8 8 9 9 6 4 4 2 0 0 0 0
10 10 6 4 6 8 13 15 11 6
0 1 2 2 2 2 4 5 5 6 7 6 5 6 6 5 5 6 6 3 2 2 1 0
2 4 5 5 7 6 7 10 10 10 7 3 3 5 5
0 0 1 3 4 4 4 4 3 2 5 7 8 8 9 9 6 4 4 2 0 0 0 0
```

**Sample Output**

```
.#####....
.#####....
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..#####.##
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```