

# ASCII Pattern

Your task is to print a grid-like pattern. Use an \* (asterisk) for the border, for the horizontal and for vertical lines of the grid, but fill the interior of each grid square with . (dots). The grid will have  $w > 0$  rows and  $k > 0$  columns ( $wk$  squares), and each square will have the same size, equal to  $s > 0$ .

In addition, each of the squares should have a diagonal. The diagonal of the top left square will be backslash like (use \ character to print it), and the next one to the right will be slash-like ( use / character to print it). The following squares should be printed alternately (please refer to the example below).

## Input data specification

First, you are given an integer  $t$ , the number of tests, and for each of the tests three numbers:  $w$ ,  $k$  and  $s$ , denoting the number of rows, the number of columns and the size of squares, respectively.

## Output data specification

Print the required pattern for each of the test cases. Please separate successive cases with an empty line.

## Example

Input:

```
3
3 1 2
4 4 1
2 5 2
```

Output:

```
****
*\.*
*.\*
****
*./*
*/.*
****
*\.*
*.\*
****

*****
*\*/\*/\*
*****
*/\*/\*/\*
*****
*\*/\*/\*
*****
*/\*/\*/\*
*****

*****
*\.*./*\.*./*\.*
*.\*/.*.\*/.*.\*
```

```
*****  
*./*\.*./*\.*./*  
*/.*.\*/.*.\*/.*  
*****
```

## Scoring

By solving this problem you score 10 points.