

Character Patterns (Act 5)

Using two characters: . (dot) and * (asterisk) print a grid-like pattern. The grid will have l lines, c columns, and each square shaped element of the grid will have the height and width equal to s .

Moreover, each of the grid elements will have a diagonal. The diagonal of the first square in the first line of the grid is directed towards down and right corner - use the \ (backslash) character to print it; while the next diagonal will be directed towards upper right corner - use the / (slash) character to print it. Print the successive diagonals alternately (please consult the example below).

Input

You are given t - the number of test cases and for each of the test case three positive integers: l - the number of lines, c - the number of columns in the grid and s - the size of the single square shaped element.

Output

For each of the test cases output the requested pattern (please have a look at the example). Use one line break in between successive patterns.

Example

Input:

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

Output:

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

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

*****
```

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

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