

## The box of the rays

P36035\_en

Your task is to write a program that, given three naturals  $n$ ,  $m$  and  $c$  prints all the possible *rays* with the beginning in the column  $c$  in a box  $n \times m$ . A ray is a vertical sequence of diagonals to the left  $/$  or to the right  $\backslash$  (to write that character in C or C++, you should write "\\").

### Input

The input consists of three naturals  $n$ ,  $m$  and  $c$ , with  $n > 0$ ,  $m > 0$  and  $0 \leq c \leq m$ .

### Output

Your program must print all the possible rays with the beginning in the columns  $c$  in a box  $n \times m$  of asterisks. It must print a line in white after every solution. It can print the solution in any order.

#### Sample input 1

3 5 3

#### Sample output 1

```

*****
*   /   *
*  /    *
* /     *
*****

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

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

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

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

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

```

```

*****
*      \  *
*      \  *

```

## Sample input 2

```
2 5 3
```

```

*      /  *
*****

```

## Sample output 2

```

*****
*      /  *
*      /  *
*****

```

```

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

```

```

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

```

```

*****
*      \  *
*      \  *
*****

```

## Sample input 3

```
4 1 0
```

## Sample output 3

```

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

```

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## Problem information

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