

**The box of the rays**

**P36035\_en**

Concurso On-line 6 (OIE08) (2008)

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 \ (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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