
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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