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**Pool table (2)**

**P26585\_en**

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This exercise has the same statement that ; the only difference is that now you can use vectors to solve it.

Write a program that reads the dimensions of a pool table, and that prints with zeros the trajectory of a ball after hitting it in the upper left corner with an angle of 45 degrees.

**Input**

Input consists of several cases, each with the number of rows and the number of columns. Both numbers are, at least, 2. None of the numbers is “too big”.

**Output**

Print every pool table as shown in the examples, and an empty line after each table.

**Sample input**

```
7 4
10 16
```

**Sample output**

```
#####
#0  #
# 0 #
# 0 #
# 0#
# 0 #
# 0 #
#0  #
#####

#####
#0      0      0  #
# 0    0 0    0 0  #
# 0 0    0 0    0  #
#  0      0      0#
# 0 0    0 0    0  #
# 0    0 0    0 0  #
#0      0      0  #
# 0    0 0    0 0  #
# 0 0    0 0    0  #
#  0      0      0#
#####
```

**Problem information**

Author : Salvador Roura  
Translator : Carlos Molina  
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