

---

**Pool table (1)****P92845\_en**

---

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.

**Output**

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

**Observation**

The expected solution do not use vectors or alike, which makes this exercise comparatively difficult.

**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  
Generation : 2023-07-14 18:27:36