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 #
###############
```

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### Problem information

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