B - Print a Chessboard

Draw a chessboard which has a height of H cm and a width of W cm. For example, the following figure shows a chessboard which has a height of 6 cm and a width of 10 cm.

#.#.#.#.#.

.#.#.#.#.#

#.#.#.#.#.

.#.#.#.#.#

#.#.#.#.#.

.#.#.#.#.#

Note that the top left corner should be drawn by '#'.

## Input

The input consists of multiple datasets. Each dataset consists of two integers H and W separated by a single space.

The input ends with two 0 (when both H and W are zero).

## Output

For each dataset, print the chessboard made of '#' and '.'.

Print a blank line after each dataset.

## Constraints

* 1 ≤ *H* ≤ 300
* 1 ≤ *W* ≤ 300

## Sample Input

3 4

5 6

3 3

2 2

1 1

0 0

## Sample Output

#.#.

.#.#

#.#.

#.#.#.

.#.#.#

#.#.#.

.#.#.#

#.#.#.

#.#

.#.

#.#

#.

.#

#

#include <iostream>

using namespace *std*;

int main(void)

{

int H, W;

while(1)

{

*cin* >> H >> W;

if (H == 0 && W == 0)

break;

for (auto i = 0; i < H; i++)

{

for (auto j = 0; j < W; j++)

{

if ((i+j) % 2 == 0)*cout* << "#";

else *cout* << ".";

}

*cout* << *endl*;

}

*cout* << *endl*;

}

return 0;

}