



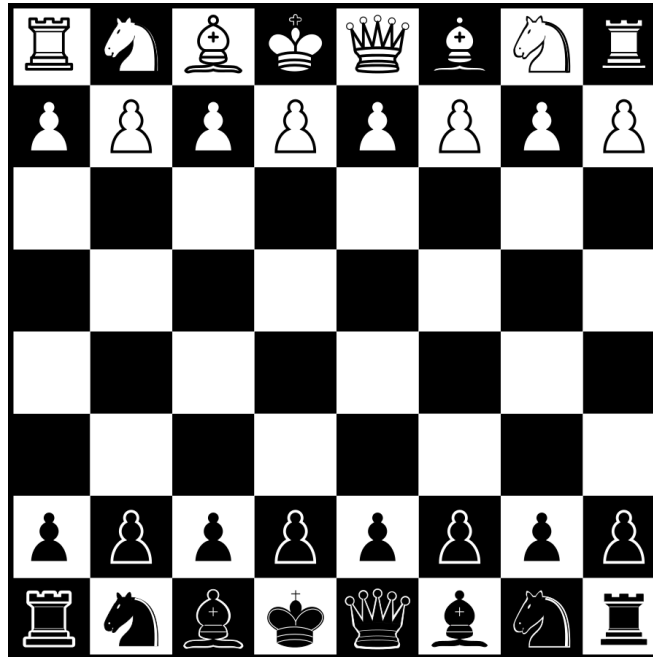
### 22

## Chess Board

11 points

### Introduction

After the last World Chess Championship, a fever to play chess has risen around the globe resulting in a high demand of chess boards.



It's a big deal to build chess boards nowadays. It's even better if you allow people to customize their boards. For example, instead of having solid black squares, you might offer the chance to print any pattern like a letter, a number or even a symbol. Another feature could be to allow customers to define the size of the squares in their chess board. Before starting a massive production of chess boards, your company wants to ensure that the software is ready to support the printing of customized patterns. Can you write a program that prints a chess board given a pattern defined by a specific character and square size?

### Input

A line with a single character that represents the pattern to use,

A line with a single positive number ( $1 < \text{size} < 15$ ) that provides the size of each square.

### Output

Print the requested chess board.



## Example 1

Input

#  
1

Output

```

-----
| |#| |#| |#| |#|
-----
|#| |#| |#| |#| |
-----
| |#| |#| |#| |#|
-----
|#| |#| |#| |#| |
-----
| |#| |#| |#| |#|
-----
|#| |#| |#| |#| |
-----
| |#| |#| |#| |#|
-----
|#| |#| |#| |#| |
-----

```

## Example 2

Input

X  
3

Output

```

-----
| |XXX| |XXX| |XXX| |XXX|
-----
| |XXX| |XXX| |XXX| |XXX|
-----
| |XXX| |XXX| |XXX| |XXX|
-----
| |XXX| |XXX| |XXX| |XXX|
-----
|XXX| |XXX| |XXX| |XXX| |
-----
|XXX| |XXX| |XXX| |XXX| |
-----
|XXX| |XXX| |XXX| |XXX| |
-----
| |XXX| |XXX| |XXX| |XXX|
-----
| |XXX| |XXX| |XXX| |XXX|
-----
| |XXX| |XXX| |XXX| |XXX|
-----
|XXX| |XXX| |XXX| |XXX| |
-----
|XXX| |XXX| |XXX| |XXX| |
-----
|XXX| |XXX| |XXX| |XXX| |
-----

```

