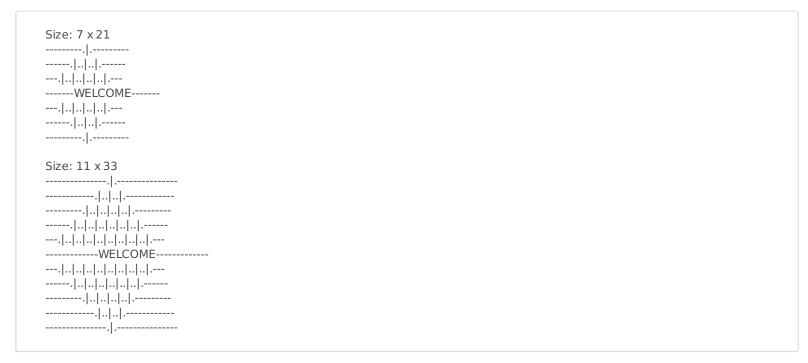
# **Designer Door Mat**

Mr. Vincent works in a door mat manufacturing company. One day, he designed a new door mat with the following specifications:

- ullet Mat size must be NXM. (N is an odd natural number, and M is 3 times N.)
- The design should have 'WELCOME' written in the center.
- The design pattern should only use | , . and characters.

## **Sample Designs**



### **Input Format**

A single line containing the space separated values of N and M.

# **Constraints**

5 < N < 101

15 < M < 303

# **Output Format**

Output the design pattern.

# **Sample Input**

9 27

# **Sample Output**



#### Note:

More than 6 lines of code will result in a score of 0. Comment lines are counted. Blank lines are not counted.