

## Problem Statement

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

- Mat size must be  $N \times M$ . ( $N$  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

```
Size: 7 x 21
-----|.-----
-----|.|.|.-----
-----|.|.|.|.-----
---|.|.|.|.|.---
-----WELCOME-----
---|.|.|.|.|.---
-----|.|.|.-----
-----|.-----

Size: 11 x 33
-----|.-----
-----|.|.|.-----
-----|.|.|.|.-----
-----|.|.|.|.|.-----
---|.|.|.|.|.|.---
---|.|.|.|.|.|.|.---
-----WELCOME-----
---|.|.|.|.|.|.---
---|.|.|.|.|.|.---
-----|.|.|.|.-----
-----|.|.|.-----
-----|.-----
```

## 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:**

counted.