

# Designer Door Mat

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

```
-----|.-----
-----|.|.-----
-----|.|.|.-----
---|.|.|.|.|.---
-----WELCOME-----
---|.|.|.|.|.---
-----|.|.-----
-----|.-----
```

```
-----|.|.|.-----  
-----|.|.|.-----
```

**Note:**

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