

Problem Statement

Mr. Vincent works in a door mat manufacturing company. One day, he designed a new door mat. Design specifications are as follows:

- 1. Size of mat must be $N \times M$. (N is an odd natural number and M is 3 times N.)
- 2. Design should have 'WELCOME' written in the center.
- 3. Design pattern should only use '|', '.' and '-' characters.

Sample Designs

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

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

Input Format

Single line containing 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 0 score. Blank lines are not counted.