

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.