

Your Designer Door Mat submission got 10.00 points.

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Problem

Submissions

Leaderboard

Editorial

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******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-----
---|.|.|.|.|.|.|.---
-----|.|.|.|.|.-----
-----|.|.|.-----
-----|.|.|.-----
-----|.-----

```

[Change Theme](#)

Language

Python 3



```

1  # Enter your code here. Read input from STDIN. Print output to STDOUT
2  if __name__ == "__main__":
3      n, m = list(map(int, input().split()))
4      ele = ".|."
5      for i in range(n//2):
6          print((ele * (i*2+1)).center(m, '-'))
7      print('WELCOME'.center(m, '-'))
8      for i in range(n//2+1, n):
9          print((ele*((n-i)*2-1)).center(m, '-'))
10

```

Line: 10 Col: 1

Upload Code as File

☐ Test against custom input

Run Code

Submit Code

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3%



Python

225/400

Congratulations

Next Challenge

You solved this challenge. Would you like to challenge your friends?

Test case 0

Compiler Message

Test case 1

Success

Test case 2

Input (stdin)

Download

1 7 21

Test case 3

Test case 4

Expected Output

Download

1 -----|.-----
2 -----|.|.|.-----
3 ---|.|.|.|.|.---
4 -----WELCOME-----
5 ---|.|.|.|.|.---
6 -----|.|.|.|.-----

Test case 5