# Designer Door Mat 🛊

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X

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Problem

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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  $N \times M$ . (N is an odd natural number, and M is M is M is M in M is M.)
- 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  ${\pmb N}$  and  ${\pmb M}$ .

#### Constraints

- 5 < N < 101
- 15 < M < 303

### **Output Format**

Output the design pattern.

Sample Input

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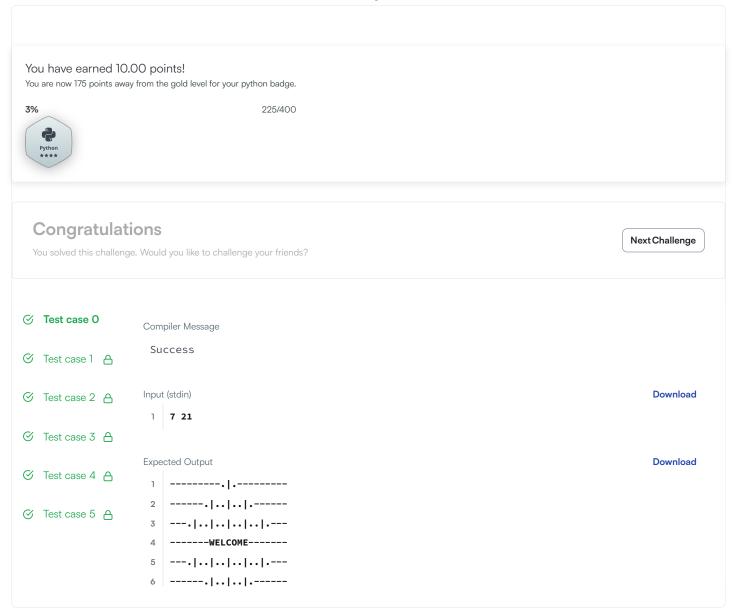
## Sample Output

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

Run Code Submit Code

Line: 10 Col: 1

Test against custom input



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