

# Center-Align

[oj.dcs.upd.edu.ph/problem/centeralign](https://oj.dcs.upd.edu.ph/problem/centeralign)

## Problem Statement

Given a string  $ss$  and a width  $ww$ , center-align  $ss$  in a line that is  $ww$  columns long.

By "center-align", we mean that the number of spaces to the left of  $ss$  should be equal to the number of spaces to the right of  $ss$ . If it is impossible to make  $ss$  perfectly center-aligned, the right side of  $ss$  may have one more space than the left side.

## Task Details

Your task is to implement a function named `center_align`, which should look like this:

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```
def center_align(s, w):  
    return ...
```

Here, you only need to replace the `...` part with a **Python expression**.

The function must return a string denoting the answer.

Your source code must have at most 200200 bytes.

## Examples

### Example 1 Function Call

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```
center_align("banana", 10)
```

### Example 1 Return Value

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```
"  banana  "
```

## Constraints

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- The function `center_align` will be called at most  $10410^4$  times.
- $w \leq 100$ .
- $ss$  is a (possibly empty) string consisting of English letters with length at most  $ww$ .

## Scoring

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**Note:** New tests may be added and all submissions may be rejudged at a later time. (All future tests will satisfy the constraints.)

- You get 5050 ❤ points if you solve all test cases where:
  - It is always possible to perfectly center-align  $ss$ .
- You get 5050 ❤ points if you solve all test cases where:
  - $ss$  is nonempty.
- You get 100100 ❤ points if you solve all test cases.

[Report an issue](#)

## Clarifications

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No clarifications have been made at this time.