

# Ceiling - DCS Online Judge

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

## Problem Statement

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You want to buy  $aa$  Pokémon trading cards, and a *pack* contains  $bb$  Pokémon trading cards.

What is the minimum number of packs you need to buy?

## Task Details

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

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```
def packs_to_buy(a, b):  
    return ...
```

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

The function must return an integer denoting the answer.

Your source code must have at most 100100 bytes.

## Examples

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### Example 1 Function Call

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```
packs_to_buy(100, 10)
```

### Example 1 Return Value

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```
10
```

## Constraints

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- The function `packs_to_buy` will be called at most  $10410^4$  times.

- $0 \leq a \leq 10500 \leq a \leq 10^{50}$
- $1 \leq b \leq 10501 \leq b \leq 10^{50}$

## 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:
  - $b=2b = 2$
- You get 5050 ❤️ points if you solve all test cases where:
  - $aa$  is divisible by  $bb$ .
- You get 5050 ❤️ points if you solve all test cases where:
  - $a, b \leq 108a, b \leq 10^8$
- You get 5050 ❤️ points if you solve all test cases.

[Report an issue](#)

## Clarifications

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No clarifications have been made at this time.