

# [CS 11] Prac 1e – 試合

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[oj.dcs.upd.edu.ph/problem/cs11prac1e](https://oj.dcs.upd.edu.ph/problem/cs11prac1e)

## Problem Statement

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There are two teams currently competing in a Martial Arts tournament.

Each team's roster is represented as a sequence of names.

The organizers of this tournament are lazy—they simply matched each member of one team to the corresponding member of the other team, in sequence order.

Those are then declared to be the match-ups.

In case the teams have different numbers of members, some later members of the larger team will not be matched to anyone.

Who will get matched to whom?

## Task Details

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Your task is to implement a function called `matches`. This function has two parameters, each of which is a `tuple` of `strs`, corresponding to the sequence of names of the members of each team.

The function must return a `tuple` of pairs corresponding to the matches, in sequence order.

See the example calls below for more details.

## Restrictions

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For this problem:

- Assignment is allowed.
- Recursion is allowed.
- Up to 66 function definitions are allowed.
- Comprehensions are **disallowed**.
- `range` is **disallowed**.
- The `abs` symbol is now allowed.

- The source code limit is 10001000.

## Example Calls

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### Example 1 Function Call

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```
matches(  
    ('Domon', 'Tokiya', 'Fuuko', 'Koganei', 'Recca'),  
    ('Noroi', 'Kai', 'Mikoto', 'Joker', 'Kurei'),  
)
```

### Example 1 Return Value

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```
(  
    ('Domon', 'Noroi'),  
    ('Tokiya', 'Kai'),  
    ('Fuuko', 'Mikoto'),  
    ('Koganei', 'Joker'),  
    ('Recca', 'Kurei'),  
)
```

### Example 2 Function Call

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```
matches(  
    ('Piccolo', 'Gokuu', 'Monaka', 'Vegeta'),  
    ('Frost', 'Botamo', 'Hit', 'Cabba', 'Magenta'),  
)
```

### Example 2 Return Value

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```
(  
  ('Piccolo', 'Frost'),  
  ('Gokuu', 'Botamo'),  
  ('Monaka', 'Hit'),  
  ('Vegeta', 'Cabba'),  
)
```

## Constraints

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- The function `matches` will be called at most 1,0001,000 times.
- Each team has at most 1616 members.
- Each name is a nonempty string of at most 1616 English letters.

## Scoring

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- You get 100100 ❤️ points if you solve all test cases where:
  - Both teams have equal number of members.
- 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.