[CS 11] Prac 2j – Join with Delimiter

oj.dcs.upd.edu.ph/problem/cs11prac2j

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Points: 100 (partial)

Time limit: 4.0s

Memory limit: 1G

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Problem type

Allowed languages

~~NONE~~, py3

Cheatsheet is available here: https://oj.dcs.upd.edu.ph/cs11cheatsheet/

Problem Statement

Given a sequence of sequences, add a 00 in front and at the back of each sequence, then *join* these sequences together into one long sequence. (Keep the order of the inputs the same.)

Task Details

Implement a function called `seq_join0`:

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```
def seq_join0(seqs):
```

- `seqs`—`tuple` of `tuple`s of `int`s

Return a `tuple` of `int`s.

Restrictions

(See 2a for more restrictions)

For this problem:

- Up to 11 function definition is allowed.
- Recursion is **disallowed**. (The recursion limit has been greatly reduced.)
- Comprehensions are allowed.
- `range` is allowed.
- The source code limit is 500500.

Example Calls

Example 1 Function Call

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```
seq_join0(((3, 1, 4), (1, 5), (9, 2, 6)))
```

Example 1 Return Value

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```
(0, 3, 1, 4, 0, 0, 1, 5, 0, 0, 9, 2, 6, 0)
```

Constraints

- The function `seq_join0` will be called at most 1,0001,000 times.
- Each `tuple` in the input will have at most 4040 elements.
- Each `int` in the input will have absolute value at most 102010^{20}.

Scoring

- You get 100100 ❤️ points if you solve all test cases.

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Clarifications

No clarifications have been made at this time.