



[CS 11 25.1] Lab 1b – School Names

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✓ Points: 150 (partial)

⌚ Time limit: 4.0s

💻 Memory limit: 1G

➤ Problem type

▼ Allowed languages

NONE, py3

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

Problem Statement

Given a university name, please write its name "properly". For our purposes, that means that each word in it must be all lowercase except for the first letter. However, the following list of words are special and need to be kept all in lowercase: "of", "in", "the", "for", "ng", and "de".

Task Details

Your task is to implement a function called `official_name`. This function has a single parameter, a `tuple` of n `str`s denoting the "parts" of a university name.

The function must return a `str` denoting the university name written "properly". Separate the parts with single spaces.

Restrictions

(See 1a for more restrictions)

For this problem:

- Assignment is allowed.
- Recursion is allowed.
- Up to 6 function definitions are allowed.
- Comprehensions are **disallowed**.
- `range` is **disallowed**.
- The `abs` symbol is now allowed.
- The source code limit is 1000.

Example Calls

Example 1 Function Call

```
official_name(("uNiVerSiTy", "OF", "THe", "PHILIPPINES"))
```

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Example 1 Return Value

```
"University of the Philippines"
```

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Example 2 Function Call

```
official_name(("ATENEO", "DE", "MANILA", "UNIVERSITY"))
```

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Example 2 Return Value

```
"Ateneo de Manila University"
```

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Example 3 Function Call

```
official_name(("unibersidad", "ng", "pilipinas"))
```

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Example 3 Return Value

```
"Unibersidad ng Pilipinas"
```

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Constraints

- The function `official_name` will be called at most 10 times.
- Each university name is a sequence of at least 1 and at most 40 parts.
- Each part consists of at least 1 and at most 20 English letters.

Scoring

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 150 🍒 points if you solve all test cases.

Clarifications

No clarifications have been made at this time.

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