

[CS 11] Prac 5g – Please Print All Palindromes

Problem Statement

Given a sequence of words, please print all palindromes in it. Note that palindrome-checking should be *case-insensitive*.

Task Details

Implement a function called `print_all_palindromes`:

```
def print_all_palindromes(words):
```

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- `words` — tuple of `str`s

Do not return a value. Print the required output.

Restrictions

For this problem:

- Loops and lists are allowed.
- Additional functions are **disallowed**.
- Recursion is **disallowed**. (The recursion limit has been greatly reduced.)
- Comprehensions are **disallowed**.
- The following names are now allowed: `range`, `list`, `print`, `append`, `pop`, `extend`, `remove`, `sort`, `insert`, `clear`, `reverse`.
- The source code limit is 350.

Example Calls

Example 1 Function Call

```
print_all_palindromes((
    'Madam',
    'Webew',
    'Abaca',
    'rawr',
    'lol',
))
```

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Example 1 Output

```
Madam
Webew
lol
```

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Constraints

- The function `print_all_palindromes` will be called at most 50,000 times.
- The total length of `words` across all inputs will be at most 200,000.
- `words` will have at most 100,000 elements.
- Each word is a string of between 0 and 10 lowercase or uppercase letters.

Scoring

- You get 80 🍷 points if you solve all test cases where:
 - `words` will have at most 4,000 elements.
 - the total length of `words` across all inputs will be at most 8,000.
- You get 40 🍷 points if you solve all test cases.

Clarifications

No clarifications have been made at this time.

Report an issue

Submit solution

[CS 11]

Practice 5 🍷

My submissions

✔ **Points:** 120 (partial)

⌚ **Time limit:** 6.0s

📄 **Memory limit:** 1G

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➤ **Problem type**

▼ **Allowed languages**
NONE, py3