[CS 11 25.1] HOPE 3 – Meals

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

Problem Statement

As a measure to keep your eating habits healthy, you decide to track your meals!

The main feature you want is being able to know how many times you've had a meal you just had. Why don't you write a program that does it for you?

Task Details

Your task is to implement a function named `tracker`. This function should take in no arguments and return a **function**.

The returned function, when given a meal as a string s, should return the number of times s has been passed into the function.

Restrictions

Your source code must have at most 300 bytes.

Example Testing

Copy

```
f = tracker()
g = tracker()

assert f("kanin") == 1
assert f("banana") == 1
assert f("kanin") == 2
assert g("kanin") == 1
assert f("pish") == 1
assert f("adobo") == 1
assert f("kanin") == 3
assert g("siomai") == 1
```

Constraints

Let t be the number of times `tracker` is called, and let n be the total number of times the functions returned by `tracker` are called.

- $t \leq 70{,}000$
- $n \leq 350{,}000$
- Each string passed to a function returned by `tracker` is a string of lowercase English letters with length at most 6.

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 80 ❤️ points if you solve all test cases where:
  - $t = 1$
  - $n \leq 12{,}000$
- You get 110 🔴 points if you solve all test cases where:
  - $t \leq 3{,}000$
  - $n \leq 12{,}000$
- You get 60 🔴 points if you solve all test cases.

Clarifications

Report an issue

No clarifications have been made at this time.

Submit solution [CS 11 25.1] HOPE 3

My submissions

Points: 250 (partial)
Time limit: 12.0s
Memory limit: 2G

Problem type

Allowed languages
py3