Twitter Coding Challenge

🕐 6d 23h
to test end

Given an Apache-style web server log, calculate and report the success rate per endpoint per minute.

```
10.10.10.10 - - [27/Sep/2016:05:22:00 +0000] "GET
/1.1/friendships/list.json?user_id=123 HTTP/1.1" 500 563 19 "Twitter-
iPhone/6.63 iOS/10.0.2 (Apple;iPhone7,2;;;;;1)" 177.177.177.177
10.10.10.10 - - [27/Sep/2016:05:22:08 +0000] "GET
/1.1/friendships/list.json?user_id=123 HTTP/1.1" 200 563 19 "Twitter-
iPhone/6.63 iOS/10.0.2 (Apple;iPhone7,2;;;;;1)" 177.177.177.177
10.10.10.10 - - [27/Sep/2016:05:22:31 +0000] "GET /1.1/friendships/list.json
HTTP/1.1" 200 563 19 "Twitter-iPhone/6.63 iOS/10.0.2
(Apple;iPhone7,2;;;;;1)" 177.177.177.177
10.10.10.10 - - [27/Sep/2016:05:22:59 +0000] "GET /1.1/friendships/list.json
HTTP/1.1" 200 94 6 "Twitter-iPhone/6.63 iOS/10.0.1 (Apple;iPhone7,2;;;;;1)"
177.177.177.177
10.10.10.10 - - [27/Sep/2016:05:23:01 +0000] "GET /1.1/users/show.json?
include_entities=1&user_id=321 HTTP/1.1" 200 510 51 "Twitter-iPhone/6.63
iOS/9.3.5 (Apple;iPhone7,2;;;;;0)" 177.177.177.177
10.10.10.10 - - [27/Sep/2016:22:45:33 +0000] "GET
/1.1/friendships/list.json?user_id=234 HTTP/1.1" 200 563 19 "Twitter-
iPhone/6.63 iOS/10.0.2 (Apple;iPhone7,2;;;;;1)" 177.177.177.177
10.10.10.10 - - [27/Sep/2016:22:45:51 +0000] "POST
/1.1/friendships/create.json HTTP/1.1" 200 4193 120 "Twitter-iPhone/6.62.1
iOS/9.3.5 (Apple;iPhone7,2;;;;;0)" 177.177.177.177
```

The "endpoint" is the path component of the URI. Example: /1.1/users/show.json
The "success rate" is the ratio of non-500-level response codes to total requests for a given endpoint, expressed as a percentage with two digits after the decimal.

For the given example, your code should print the following lines:

```
2016-09-27T05:22 /1.1/friendships/list.json 75.00
2016-09-27T05:23 /1.1/users/show.json 100.00
2016-09-27T22:45 /1.1/friendships/create.json 100.00
2016-09-27T22:45 /1.1/friendships/list.json 100.00
```

Note that results are sorted first by minute, and then lexicographically by endpoint. Times should be output in GMT.

Twitter Coding Challenge

🕐 6d 23h
to test end

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

Start tour

✕

ⓘ **For help on how to read input and write output in 'C', click here.**   ✕

Original code | C   ⌄ | ⚙

```c
#include <math.h>
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <assert.h>
#include <limits.h>
#include <stdbool.h>

int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}
```

Line: 1 Col: 1

☐ Test against custom input   Run Code   Submit code & Continue

(You can submit any number of times)

⬇ Download sample test cases   *The input/output files have Unix line endings. Do not use Notepad to edit them on windows.*

About   Privacy Policy   Terms of Service

Twitter Coding Challenge

🕐 6d 23h
to test end

1

2