#!/usr/bin/rdmd

// Computes average line length for standard input.

import std.stdio;

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this is a /+ nesting +/ comment

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enum COMPILED\_ON = \_\_TIMESTAMP\_\_; // special token

enum character = '©';

enum copy\_valid = '&copy;';

enum backslash\_escaped = '\\';

// string literals

enum str = `hello "world"!`;

enum multiline = r"lorem

ipsum

dolor"; // wysiwyg string, no escapes here allowed

enum multiline2 = "sit

amet

\"adipiscing\"

elit.";

enum hex = x"66 6f 6f"; // same as "foo"

#line 5

// float literals

enum f = [3.14f, .1, 1., 1e100, 0xc0de.01p+100];

static if (something == true) {

import std.algorithm;

}

void main() pure nothrow @safe {

ulong lines = 0;

double sumLength = 0;

foreach (line; stdin.byLine()) {

++lines;

sumLength += line.length;

}

writeln("Average line length: ",

lines ? sumLength / lines : 0);

}