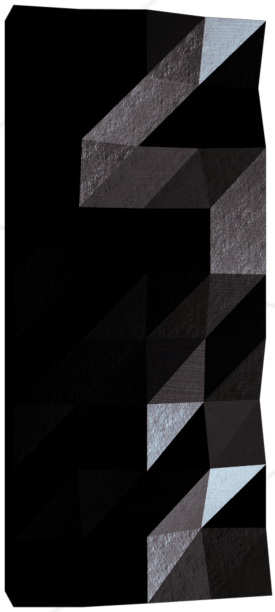

Dash - bash_golf_1

bash_golf_1

Summary: *this document is the subject for the dash @ 42Tokyo.*

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Chapter I

Foreword

Get creative with bash scripting!

Chapter II

Objective

Create the shortest `bash_golf_1.sh`.

Chapter III

Instructions

- Evaluation will be done on 42 Tokyo's Mac.
- This dash is a solo project.
- Turn in your code inside the turn-in repository.

Chapter IV

Exercice 00 : bash_golf_1

	Exercise 00
bash_golf_1	
Turn-in directory : $ex00/$	
Files to turn in : `bash_golf_1.sh`	
Allowed functions : `None`	

- Write a bash script that reads a number of integers from a file and returns the moving average of those integers.
- The first line contains the number of consecutive integers to average, N. ($1 \leq N \leq 10000$)
- The following line contains a set of integers separated by commas.
- Each input integer is between -99999 and 99999 (inclusive).
- Your script should print the moving averages of each set of N integers, from beginning to end, separated by commas, and followed with a newline.
- The resulting averages should be rounded to 3 decimal places.
- If N is greater than the number of inputs in the following line, simply output the total average.
- Example:

```
?> cat input_7.txt
7
2,4,3,8,7,5,16,19,20,-213,113,125
?> sh bash_golf_1.sh input_7.txt
6.429,8.857,11.143,-19.714,-4.714,12.143
?> cat input_13.txt
13
2,4,3,8,7,5,16,19,20,-213,113,125
?> sh bash_golf_1.sh input_13.txt
9.083
```