CS 271 Computer Architecture and Assembly Language
Programming Assignment #6 Option A
Example Output

Notes:
1) For this assignment you are allowed to assume that the total sum of the numbers will fit inside a 32 bit register.
2) When displaying the average, you may round down to the nearest integer. For example if the sum of the 15 numbers is 3568 you may display the average as 237.

Example (user input in *italics*):
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PROGRAMMING ASSIGNMENT 6: Designing low-level I/O procedures
Written by: Howie Dooit

Please provide 15 unsigned decimal integers.
Each number needs to be small enough to fit inside a 32 bit register.
After you have finished inputting the raw numbers I will display a list
of the integers, their sum, and their average value.

Please enter an unsigned number: 156
Please enter an unsigned number: 51d6fd
ERROR: You did not enter an unsigned number or your number was too big.
Please try again: 34
Please enter an unsigned number: 186
Please enter an unsigned number: 15616148561615630
ERROR: You did not enter an unsigned number or your number was too big.
Please try again: -145
ERROR: You did not enter an unsigned number or your number was too big.
Please try again: 345
Please enter an unsigned number: 5
Please enter an unsigned number: 23
Please enter an unsigned number: 51
Please enter an unsigned number: 0
Please enter an unsigned number: 56
Please enter an unsigned number: 11
Please enter an unsigned number: 18
Please enter an unsigned number: 141
Please enter an unsigned number: 151
Please enter an unsigned number: 1
Please enter an unsigned number: 15


You entered the following numbers:
156, 34, 186, 345, 5, 23, 51, 0, 56, 11, 18, 141, 151, 1, 18
The sum of these numbers is: 1196
The average is: 79

Thanks for playing!
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