

P4. Write a program to compute an average value,

$$avg = \frac{1}{N} \sum_{i=1}^N x_i = \frac{1}{N} \cdot (x_1 + x_2 + x_3 + \dots + x_N).$$

That is to ask a user for (1) a number of values to compute N, (2) get each value and add the value to the summation for N times (do loop for input and addition), (3) calculate an average average = summation/N, and report the calculation.

Example 1:

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Number of values:4
value:1
value:8
value:7
value:3.5
Average = 4.875
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```