Solution Sheet 1.0

Problem description: Ask the user top enter "n" numbers and which and how much they are and show the average of them.

Size: Small
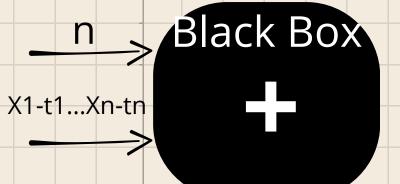**Domain: Mathematics**
Complexity: Simple

Black Box

Flowchart

Enter "n" numbers

The average of them is :

Enter "X1" is "1t" times;..."Xn" is "nt" times;

n →

X1-t1...Xn-tn →

Black Box **+**

K →

THE PROGRAM ADDS "X1*T1" WITH "X2*T2" UNTIL "XN*TN", %; THEN THE PROGRAM DIVIDES IT BY THE SUM OF "T1-TN", &,.

%/&=K

Variables type: Decimal

Phyton variables type: Float

Start

ENTER "N" NUMBERS

ENTER "X1" IS "1T" TIMES;..."XN" IS "NT" TIMES;

THE PROGRAM ADDS "X1*T1" WITH "X2*T2" UNTIL "XN*TN", %; THEN THE PROGRAM DIVIDES IT BY THE SUM OF "T1-TN", &,.

%/&=K

THE AVERAGE IS K

End

Solution Sheet 1.0

Series: 3 5 6 9 8

7 4 1 6 5