

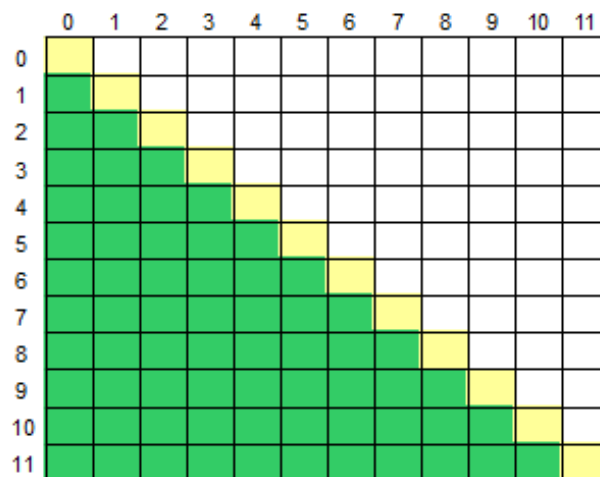
# Below the Main Diagonal

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**Timelimit: 1**

Read an uppercase character that indicates an operation that will be performed in an array  $M[12][12]$ . Then, calculate and print the sum or average considering only that numbers that are below of the main diagonal of the array, like shown in the following figure (green area).



## Input

The first line of the input contains a single uppercase character **O** ('S' or 'M'), indicating the operation Sum or Average (Média in portuguese) to be performed with the elements of the array. Follow 144 floating-point numbers of the array.

## Output

Print the calculated result (sum or average), with one digit after the decimal point.

Input Sample	Output Sample
S 5.0 0.0 -3.5 2.5 4.1 ...	12.6