

Functions Problems



Problem 5



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Write a function that reads a real number x and a series of coefficients c_0, c_1, \dots, c_n and computes $p(x)$, that is:

$$p(x) = c_0x^0 + c_1x^1 + \dots + c_nx^n$$

Hence, the function returns the evaluation of the polynomial p with input x .

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Examples:

Input:

2 3 4 5

3 0 0 10

-2.5 1 -2 0 5.4

Output:

31.0

90.0

-78.3750