

First Bulgarian National Olympiad in Informatics

June 1 and 2, 1985

Second Day.

Problem 1.

Write a programme, that on given values of integer variable n and real variable x , computes the value of:

$$A = \frac{x}{1 + \frac{x}{2 + \frac{x}{3 + \frac{x}{\ddots + \frac{x}{(n-1) + \frac{x}{n + x}}}}}}$$

Source is taken from the jury materials.

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