
Sum of square matrices

P26374_en

Write a function that, given two square matrices a and b , computes their sum.

Interface

C++	typedef vector< vector<int> > Matrix; Matrix <i>sum</i> (const Matrix& <i>a</i> , const Matrix& <i>b</i>);
Java	public static int [][] <i>sum</i> (int [][] <i>a</i> , int [][] <i>b</i>);
Python	<i>sum</i> (<i>a</i> , <i>b</i>) # returns list <i>sum</i> (<i>a</i> : list [list [int]], <i>b</i> : list [list [int]]) → list [list [int]]

Precondition

a and b are square matrices $n \times n$ with $n \geq 0$.

Problem information

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