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The Virtual Learning Environment for Computer Programming

## 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  $sum(const\ Matrix\&\ a,\ const\ Matrix\&\ b);$  Java public static int [][]  $sum(int\ [][]\ a,\ int\ [][]\ b);$  Python  $sum(a,\ b)$  # returns list  $sum(a:\ list\ ,\ b:\ list\ ) \to list$ 

### Precondition

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

### **Problem information**

Author: Jordi Petit

Translator : Carlos Molina

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