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The Virtual Learning Environment for Computer Programming

Product of square matrices

P37390_en

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

Interface

typedef vector< vector<int> > Matrix;

Matrix product (**const** *Matrix* & *a*, **const** *Matrix* & *b*);

Matrix: TypeAlias = list [list [int]]

MyPy $\frac{\text{def product}(a: Matrix, b: Matrix)}{\text{def product}(a: Matrix, b: Matrix)} \rightarrow Matrix$

Precondition

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

Problem information

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