Product of square matrices   P37390_en

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

Interface

C++	**typedef vector**< **vector**<**int**> > *Matrix*; *Matrix product*(**const** *Matrix*& *a*, **const** *Matrix*& *b*);
MyPy	*Matrix*: *TypeAlias* = *list* [*list* [*int*]] **def** *product*(*a*: *Matrix*, *b*: *Matrix*) → *Matrix*

Precondition

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

Problem information

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