
Products of any matrices

P88905_en

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

Interface

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

Precondition

@a@ is a matrix $p \times q$ and @b@ is a matrix $q \times r$, with $p, q, r \geq 1$.

Problem information

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Generation: 2026-01-25T12:17:19.490Z

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