
Products of any matrices

P88905_en

Write a function that, given two 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 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 : 2025-05-13 12:06:13

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