
Products of any matrices

P88905_en

Using the declaration

```
typedef vector< vector<int> > Matrix;
```

write a function

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

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

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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