Problem K. 4

Input file:	*standard input*
Output file:	*standard output*
Time limit:	1 second
Memory limit:	512 mebibytes

I could have asked you to calculate the number of anti-K_4 subgraphs, but that would be just solving this problem and copying problem K from GP of Nanjing 2021 (`https://codeforces.com/gym/103470/problem/K`) (solution from ecnerwala — `https://codeforces.com/blog/entry/97762?#comment-866645`), and why would I do this?

You are given a simple undirected graph. Calculate the number of its K_4 subgraphs (sets of 4 vertices such that there are all 6 edges between them in the graph).

Input

A simple graph. Come on. You got this. $4 \le n \le 100\,000$, $0 \le m \le 100\,000$. No self-loops or parallel edges, I promise.

Output

This problem uses a standard checker.

Examples

standard input	*standard output*
5 9 1 2 1 3 1 4 1 5 2 3 2 4 2 5 3 4 3 5	2
4 0	0