PREPARE NEW CERTIFY COMPETE

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yasinarafat2413 🗸

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Cycle of Edges

Problem Submissions Leaderboard Discussions

Problem Statement

You will be given an undirected graph where there will be N nodes and E edges. You need to tell the number of edges that can create a cycle in the graph.

Note: Duplicate edges as input can not be possible. The value of nodes are from 1 to N.

Input Format

- First line will contain N and E.
- Next E lines will contain A and B which means there is a edge between A and B.

Constraints

- 1. 1 <= N <= 10^5
- 2. $1 \le E \le (N*(N-1))/2$
- 3. 1 <= A, B <= N

Output Format

• Output the number of edges that can create a cycle.

Sample Input 0

- 5 7
- 1 2

- 4 1
- 2 4 5 3

Sample Output 0

3

Sample Input 1

- 3 3
- 1 2
- 2 3
- 1 3

f ⊌ in

Sample Output 1

1

```
Submissions: 124
                                                                                                             Max Score: 25
                                                                                                            Difficulty: Easy
                                                                                                            Rate This Challenge:
                                                                                                            \triangle \triangle \triangle \triangle \triangle \triangle
                                                                                                            More
                                                                                              C++20
                                                                                                                                    \Diamond
   1 ▼#include <bits/stdc++.h>
   2
   3
       using namespace std;
   4
   5
   6
   7
       int main()
   8 ▼{
             // Write your code here
   9
  10
  11
             return 0;
  12 }
  13
                                                                                                                            Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                                          Run Code
                                                                                                                           Submit Code
```

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