

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

- $1 \leq N \leq 10^5$
- $1 \leq E \leq 10^6$
- $1 \leq A, B \leq N$

Output Format

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

Sample Input 0

```

5 7
1 2
2 3
3 4
4 5
4 1
2 4
5 3
    
```

Sample Output 0

```

3
    
```

Sample Input 1

```

3 3
1 2
2 3
1 3
    
```

Sample Output 1

1

[f](#) [t](#) [in](#)

Submissions: [455](#)

Max Score: 25

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

[More](#)

C++20



```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 int main()
8 {
9     // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ [Test against custom input](#)

[Run Code](#)

[Submit Code](#)