

7616 Counting Cliques

A clique is a complete graph, in which there is an edge between every pair of the vertices. Given a graph with N vertices and M edges, your task is to count the number of cliques with a specific size S in the graph.

Input

The first line is the number of test cases.

For each test case, the first line contains 3 integers N , M and S ($N \leq 100$, $M \leq 1000$, $2 \leq S \leq 10$), each of the following M lines contains 2 integers u and v ($1 \leq u < v \leq N$), which means there is an edge between vertices u and v .

It is guaranteed that the maximum degree of the vertices is no larger than 20.

Output

For each test case, output the number of cliques with size S in the graph.

Sample Input

```
3
4 3 2
1 2
2 3
3 4
5 9 3
1 3
1 4
1 5
2 3
2 4
2 5
3 4
3 5
4 5
6 15 4
1 2
1 3
1 4
1 5
1 6
2 3
2 4
2 5
2 6
3 4
3 5
3 6
```

4 5
4 6
5 6

Sample Output

3
7
15