

Graph Theory

Time Limit: 2.0s **Memory Limit:** 64M

Given a graph of N nodes and M edges, print `Graph Theory!`

Input Specification

The first line will contain two integers N, M ($1 \leq N \leq M \leq 2$).

The next M lines will each contain two integers, a, b ($1 \leq a, b \leq N$).

Output Specification

Print `Graph Theory!`

Sample Input

```
2 2
1 2
2 2
```

Sample Output

```
Graph Theory!
```