Problem 2:

Given an undirected graph, find whether the graph is Eulerian or not. Assume the graph is simple, and it is connected. If the given graph has *n* vertices, assume the vertex set is {0,..,n-1}. The input graph is given in ***adjacency list*** format. The first line of the input specifies *n,* the number of vertices. The second line onwards, in each line, till we see the character '#', it denotes the neighbors of the first vertex(i.e 0). Assume that the neighbors of vertices are given in sorted format according to the vertex index. After the first '#', from the next line onwards till another '#' is seen, it denotes the neighbors of the second vertex(i.e 1), and so on. If the graph is Eulerian, print true. Else, print false.

Sample Input:

```
4               #Number of vertices
1
3
#
0
2
#
1
3
#
0
2
#
```

/*

An adjacency matrix (0-1 matrix) where, 1 corresponds to presence of an edge, and 0 - absence of the edge)

*/

Sample Output:

true

(True/False)