Problem 1:

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 matrix*** format. The first line of the input specifies *n,* the number of vertices. The following n^2 entries of 0s and 1s denote the row major ordering of the adjacency matrix. If the graph is Eulerian, print true. Else, print false.

Sample Input:

```
4               #Number of vertices
0               #Entries of matrix in row-major order
1
0
1
1
0
1
0
0
1
0
1
1
0
1
0
```

/*

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)