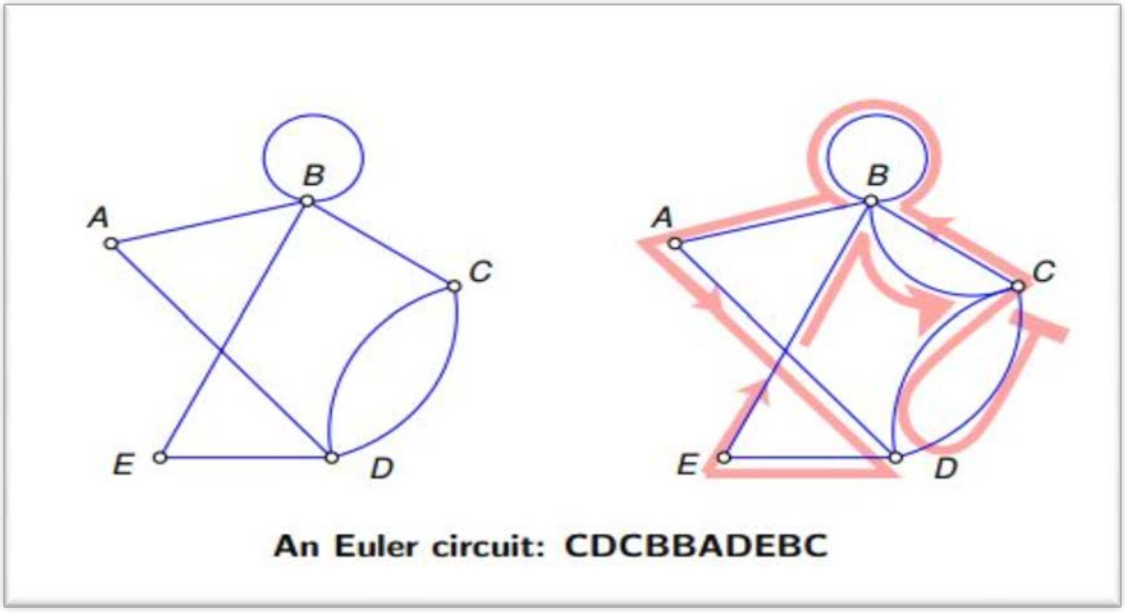
G	Euler Circuit	Time limit: 1 sec

Arnab is the programming contest trainer for the student of AUST (Awesome University for Super Talent) . But he is really disappointed with the behavior of the contestants as they are not very willing to do class or learn new things . So he decided to set a problem on new topic in Intra AUST Programming contest that they will learn this topic through reading the problem statement . We asked him about the problem and fortunately he shared his problem with us .

Euler circuit is a path that starts from any node , uses every edge of a graph exactly once and then finishes at same starting node . In this Problem there is given a graph with 'V' vertexes and 'E' edges . Your task is to find there exists a euler circuit or not . If so then print "Yes" otherwise print "No" . Algorithm to detect Euler Circuit :

1. Graph should be connected
2. Degree of every vertex should be even . Degree of a vertex means total incoming and outgoing edge of a vertex .



An Euler circuit: CDCBBADEBC

Input:

Input starts with an integer T (1 <= 30) , number of test cases . Each test case consists of two integer n (1 <= n <= 500) and m (1 <= m <= 10000) where n is the number of nodes and m is number of edges between these nodes . Following m lines contain two integer u and v . There is a bi-directional edge between u and v .

Output:

For each test case first print the case number and then print “Yes” if there exist an Euler circuit otherwise print “No” .

Input	Output
2 4 4 1 2 2 3 3 4 4 1 4 4 1 2 2 3 3 4 4 2	Case 1: Yes Case 2: No