Problem Card

Snowed In

Problem Statement

Snow has blanketed Princeton's campus, and the paths that connect Princeton's buildings to one another have been blocked off by multiple feet of the powdery material. To optimally schedule the shoveling of snow, it is necessary to send someone to check the condition of each path on campus. However, this is time-consuming, so we want to start by clearing off the *critical paths*. A path is critical if its removal will cause any building to be unable to be reached from any other building. Princeton's buildings have been numbered 0 to n - 1: given pairs (a_i, b_i) representing the undirected paths between them, return all critical paths that should be cleared off immediately.

Test Cases

```
Input: n = 4, connections = [[0,1],[1,2],[2,0],[1,3]]
Output: [[1,3]]
Explanation: [[3,1]] is also accepted.
```