Hongg: Gao 1. try to sort the graph topologically, and if can not, than it has cycles, the time complexity is O(VtE) 2. assume two cases. first case if there are no loops, check if there over more red nodes than green nodes. and if not, return take. In second case, if there is a loop, check if there are more ved nodes then green nodes, and if not. veturn False. 3. assume two cases. in the case of no loop, if both rad and green rudes are greater than 4, we can ignore the loop and directly

if its loop, court de rend and groven rules, and return True when both of them exceed 4.

4.