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Find_SCC: // from 3/14/19 lecture
    DFSAll(G)
    DFSAll(Gr)
    return SCC_list // list SCCs with a list of vertices within each

Rainbow_Walkpt2:
    arrange SCC_list into a DAG metagraph

    //returns a list of metagraph nodes in topologically sorted order
    Topological_meta_graph[] = run DFSall and DFSall reverse

    color_needed_list = [1..k]

    for(every metagraph node v in Topological_meta_graph[])
    {
        remove colors contained in Topological_meta_graph[v]
        if(color_needed_list.isEmpty)
            return true
    }
    return false

```