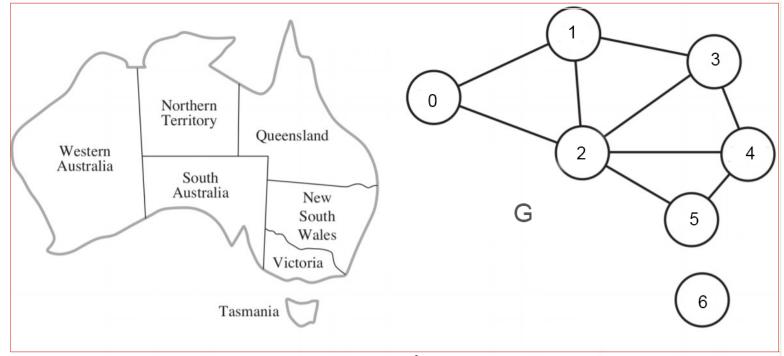
Problem: assign a color to each state of the graph G. You cannot assign the same color to

neighboring states. You can use only three colors.

Input: a graph G where each node represents a state and each edge represent a border

between 2 states

Output: a valid coloration of each node



example

