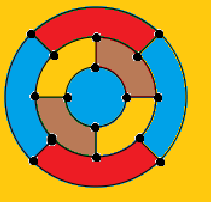
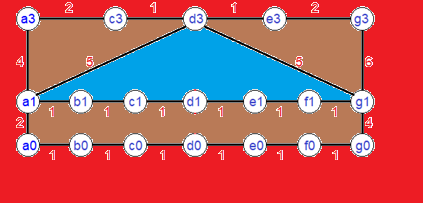
**Class Work #10**

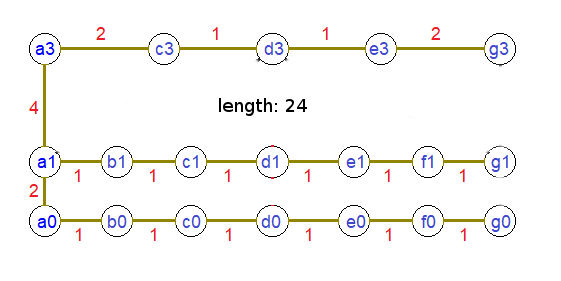
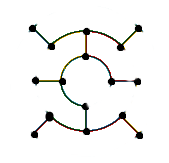
\* Decide if 3 colors are sufficient to color G1 and G2



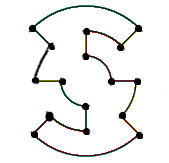
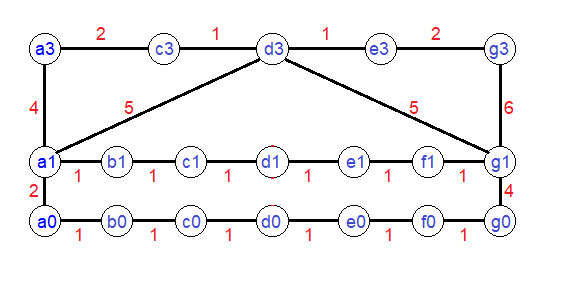


4 color Purple can be painted as green(Min 2 color)

\* Find a minimum spanning tree in G1 and G2

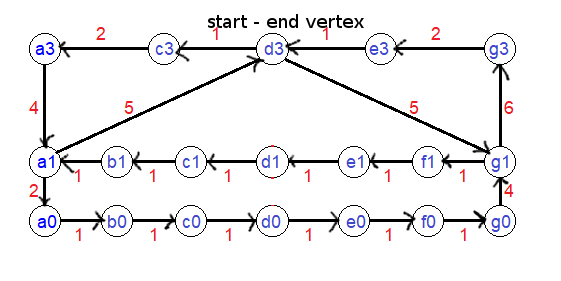


\* Find a Hamiltonian circuit (cycle) in G1 and G2

Does not include Hamiltonian cycle

\* Decide if G1 and G2 contain an Eulerian circuit



G1 does not contain