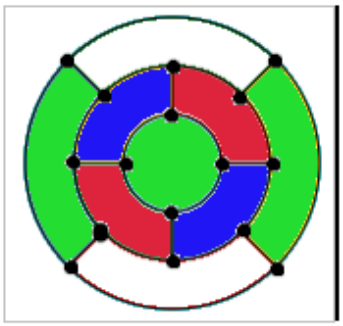
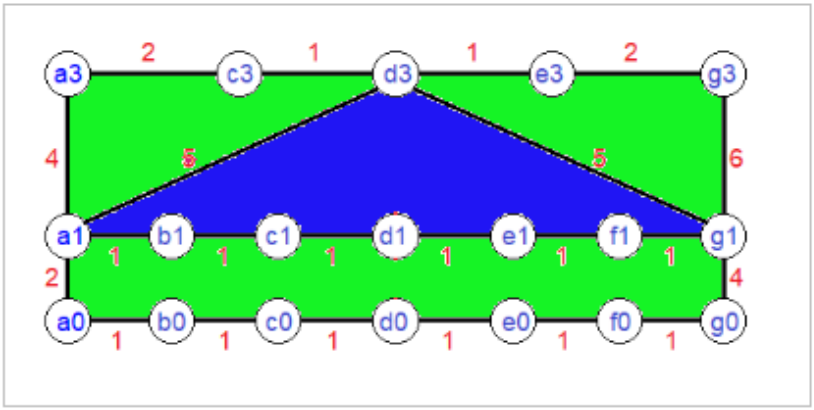
BLM 320 **Class Work #10**

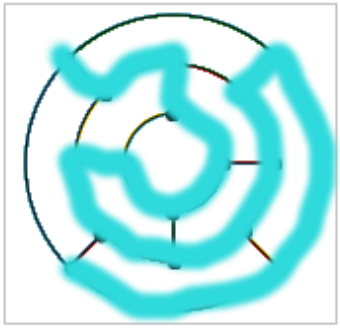
* Decide if 3 colors are sufficient to color G_1 and G_2

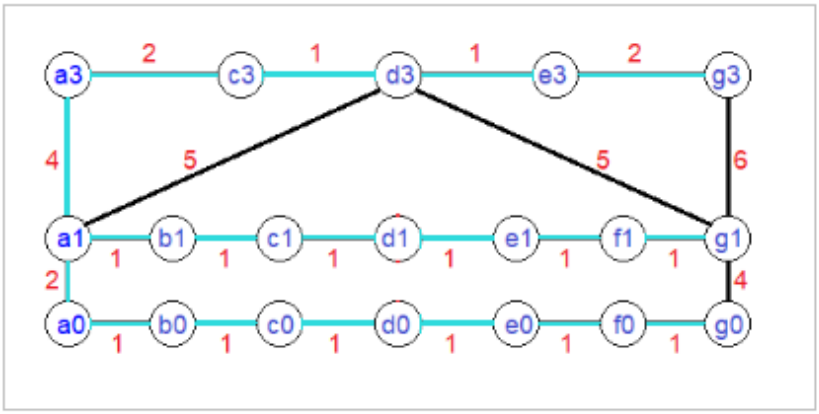




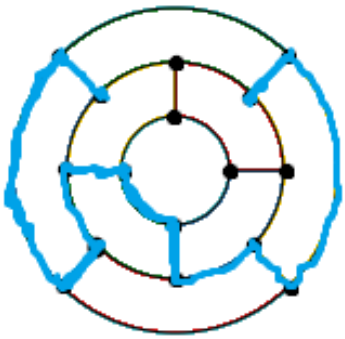
G1 4 Colors G2 2 Colors

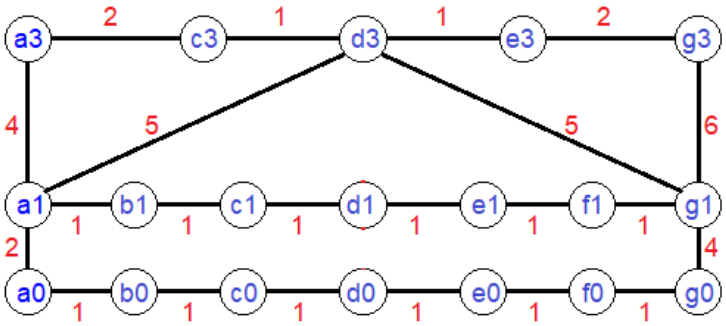
* Find a minimum spanning tree in G_1 and G_2





* Find a Hamiltonian circuit (cycle) in G_1 and G_2





* Decide if G_1 and G_2 contain an Eulerian circuit

G1 does not contain Eulerian circuit

G2: a3->c3->d3->a1->a0->b0->c0->d0->e0->f0->g1->d3->e3->g3->g1->f1->e1->d1->c1->a1->a3