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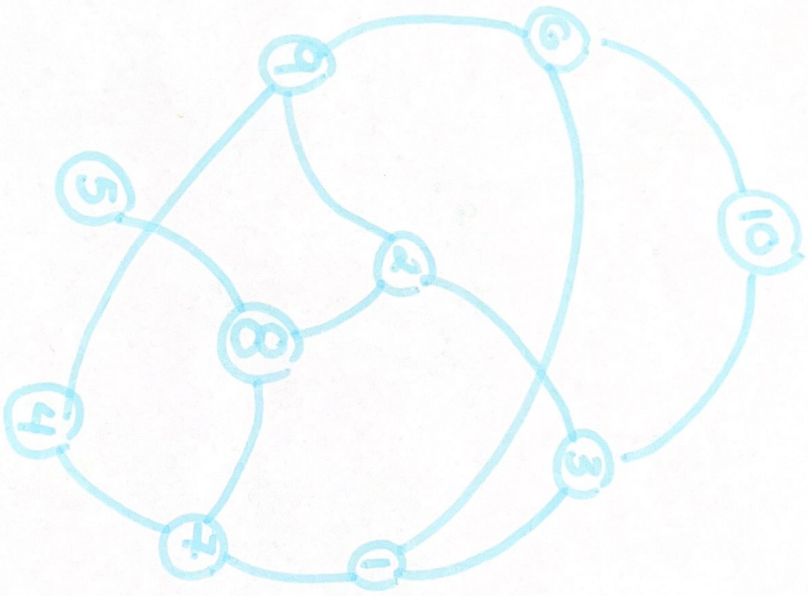
Information Visualization
CSPB 4122
Activity 4

It is given to us that this graph is unweighted and undirected, so I did not need to add any identifying information regarding this. This made the process of drawing the graph significantly easier. I previously learned how to read a graph like this, and picked a node to start from, in this case 10. Node 10 goes has edges that connect to two other nodes, node 6 and node 3. Then going to node 3, it has edges that connect to three nodes, 1, 2 and 10. We have already made a connection to 10, so we need to make a connection to 1 and 2. So far, we have 10->3, and from here we'll go to node 1. Node 1 also has three edges, 3,6, and 7. We are already connected to node 3, so we need to make an edge that goes to 7 and from 6. Again, this graph is undirected, so this does not matter too much if the edges are represented accurately. From node 1 we'll go to node 7 which only has two edges, one to node 8 and one to node 4. Node 8 is also connected to node 2 so I needed to put it in a place on the graph where I could connect an edge to both 7 and 2.

Node 4 has two edges, one to node 7 and one to node 5. We have already created an edge between node 7 and node 4 so all we need to do is put node 5 in a place where it is connected to both node 4 and node 8. At this point the graph goes something like this 10->3->1->7->4->5. We need to add the rest of the edges for node 2, 8, and 9. Starting back at node 10, we can go to node 6 this time. Node 6 has three edges, one to node 10, which we already added, one to node 1 and one to node 9. I just connected an edge going from node 6 to node 1 and added a new edge for node 9. Finally, going to node 9, it has three edges as well, one to node 4, one to node 6, and one to node 2, so I made the final two edges going from node 9 to node 2 and 4. At this point all my nodes were connected, I just needed to draw the graph. At first, this was the most difficult part for me, but because of the process breakdown, and knowing which edge goes from which node, it was relatively simple.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