Assignment 3

1. The following is the output of a simulation that shows the rules that govern the behavior of the nodes in a network.

   a. What is the output of the simulation showing the state of each node?
   b. What is the expected output of the simulation showing the state of each node?
   c. What is the final state of the network?

2. The following is a network diagram showing the relationships between different nodes.

   a. What is the degree of each node in the network?
   b. What is the path length between nodes 1 and 2?
   c. What is the betweenness centrality of node 3?

3. What is the rule for the network's behavior?

   a. What is the rule for the network's behavior?
   b. What is the rule for the network's behavior?
   c. What is the rule for the network's behavior?

4. What is the rule for the network's behavior?

   a. What is the rule for the network's behavior?
   b. What is the rule for the network's behavior?
   c. What is the rule for the network's behavior?

5. What is the rule for the network's behavior?

   a. What is the rule for the network's behavior?
   b. What is the rule for the network's behavior?
   c. What is the rule for the network's behavior?