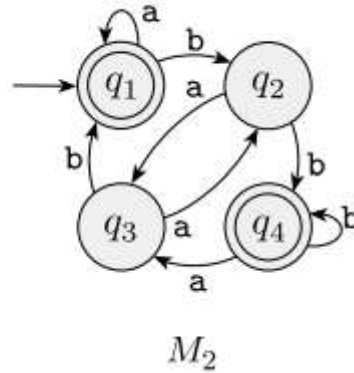
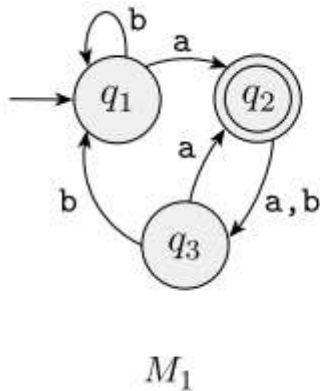


Quiz 2

Problem 1: For DFA M1

The following are the state diagrams of two DFAs, M1 and M2. Answer the following questions about each of these machines. (Problems 1 and 2, respectively)



Problem 1: For DFA M1

- What is the start state?
- What is the set of accept states?
- What sequence of states does the machine go through on input aabb?
- Does the machine accept the string aabb?
- Does the machine accept the string ϵ ?

Problem 2: For DFA M2

Do the same as problem 1.