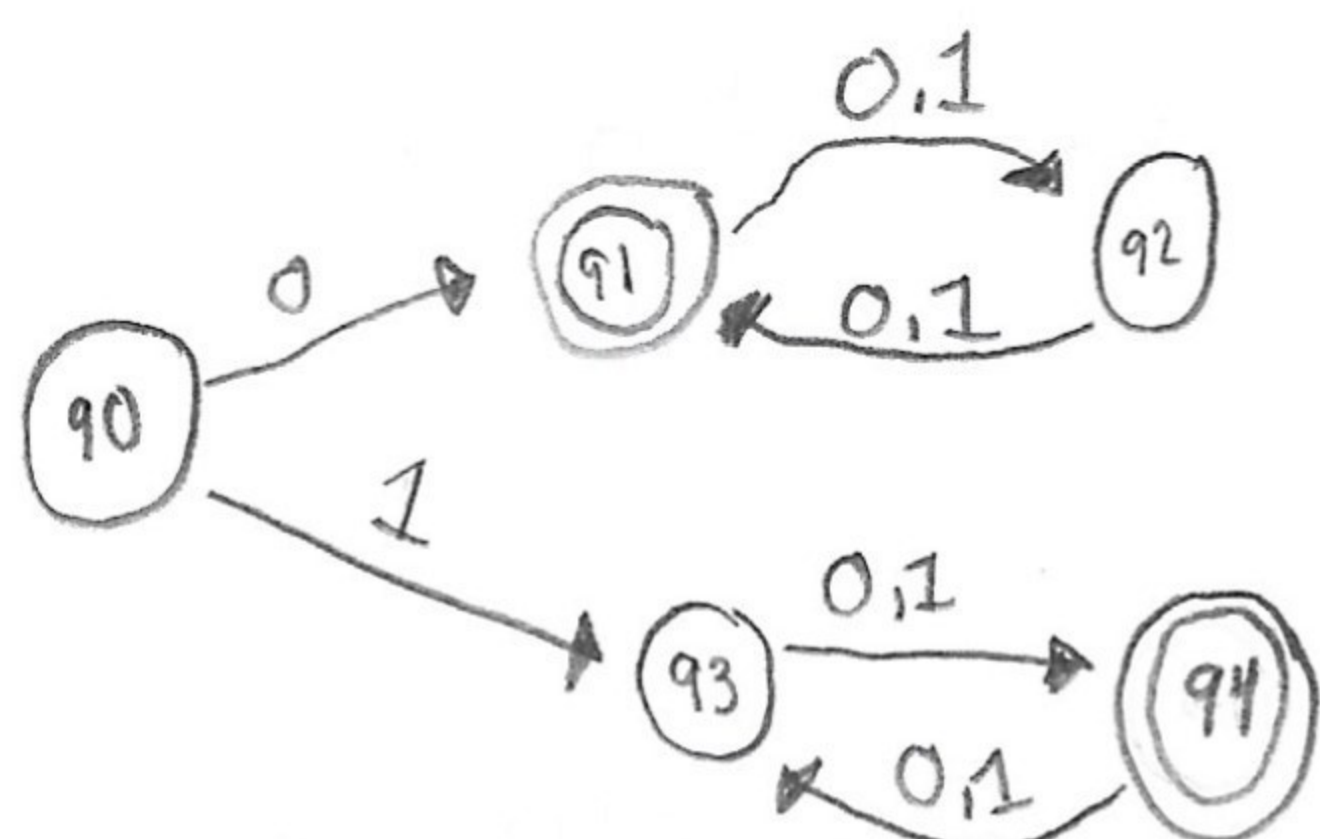
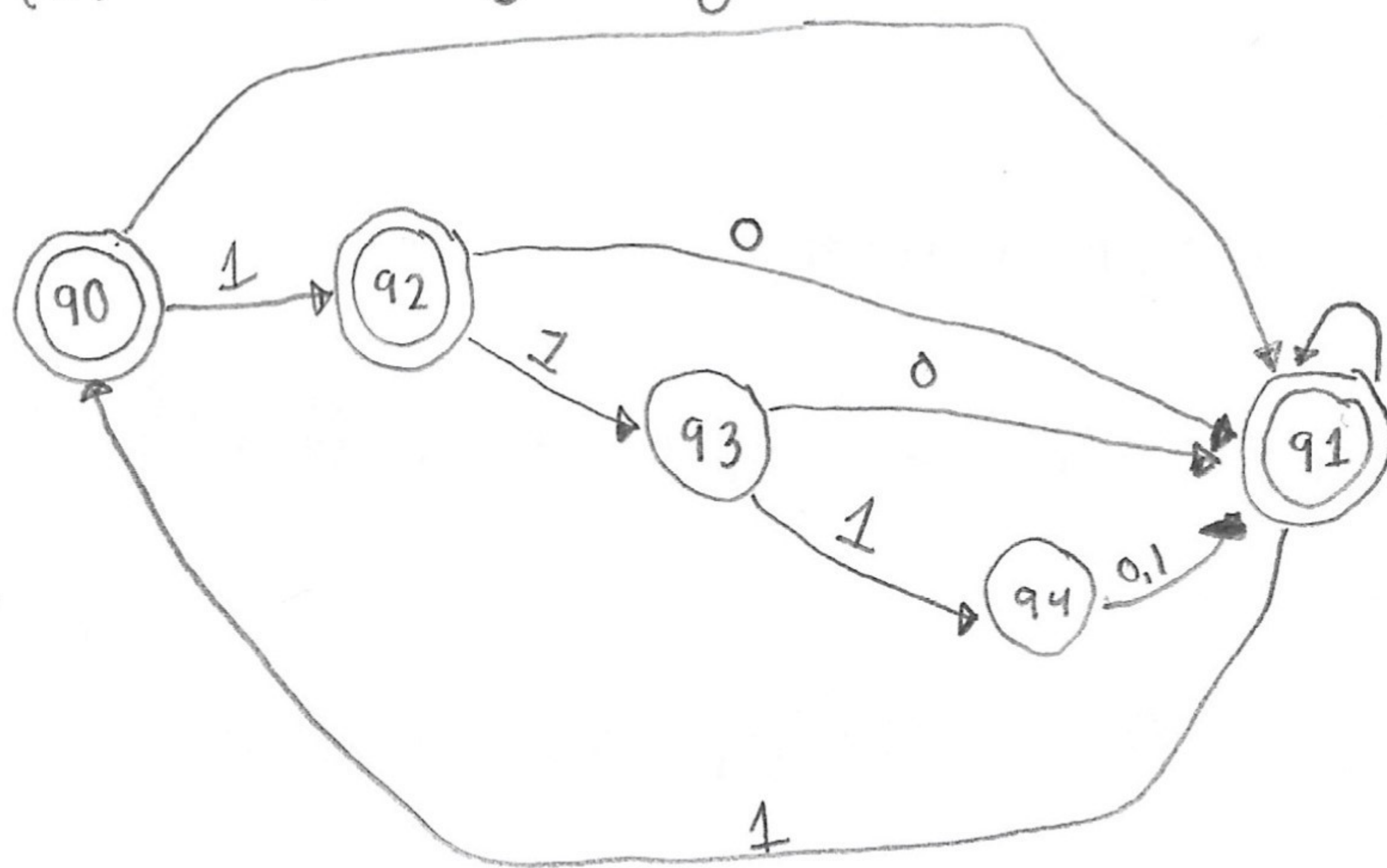


Problem 1:

- 1a. $\{w \mid w \text{ starts with } 0 \text{ and has odd length, or starts with } 1 \text{ and has an even length}\}$



- 1b $\{w \mid w \text{ is any string except } 11 \text{ and } 111\}$



- 1c. $\{\epsilon, 0\}$

