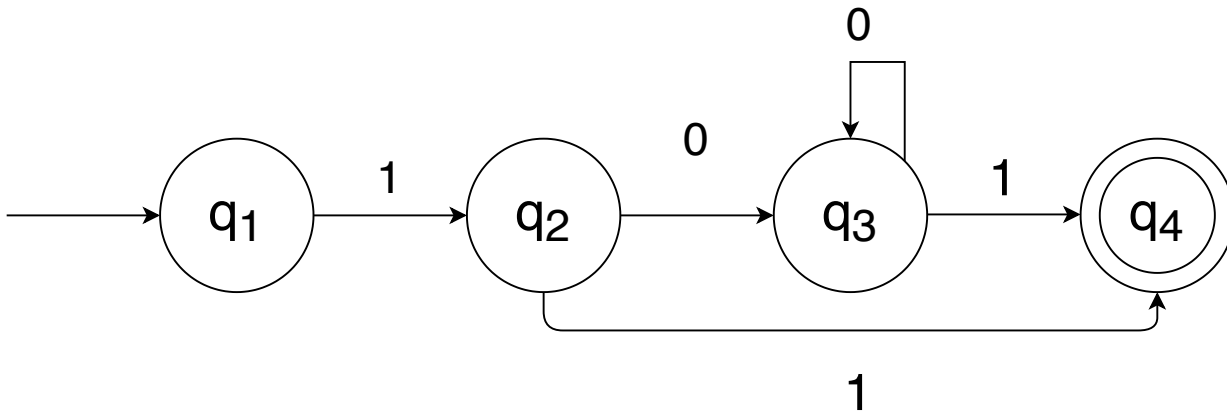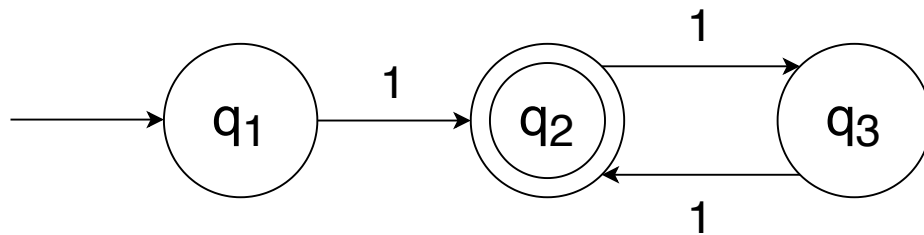# The answers by Ulvi Bajarani

1. Design an automata for 10*1

2. Design an automata for recognizing all strings 1^{2k+1}

3. Link the above two automatas for recognizing $10*1 \cup \{ 1^{2k+1} \mid k \geq 0 \}$