

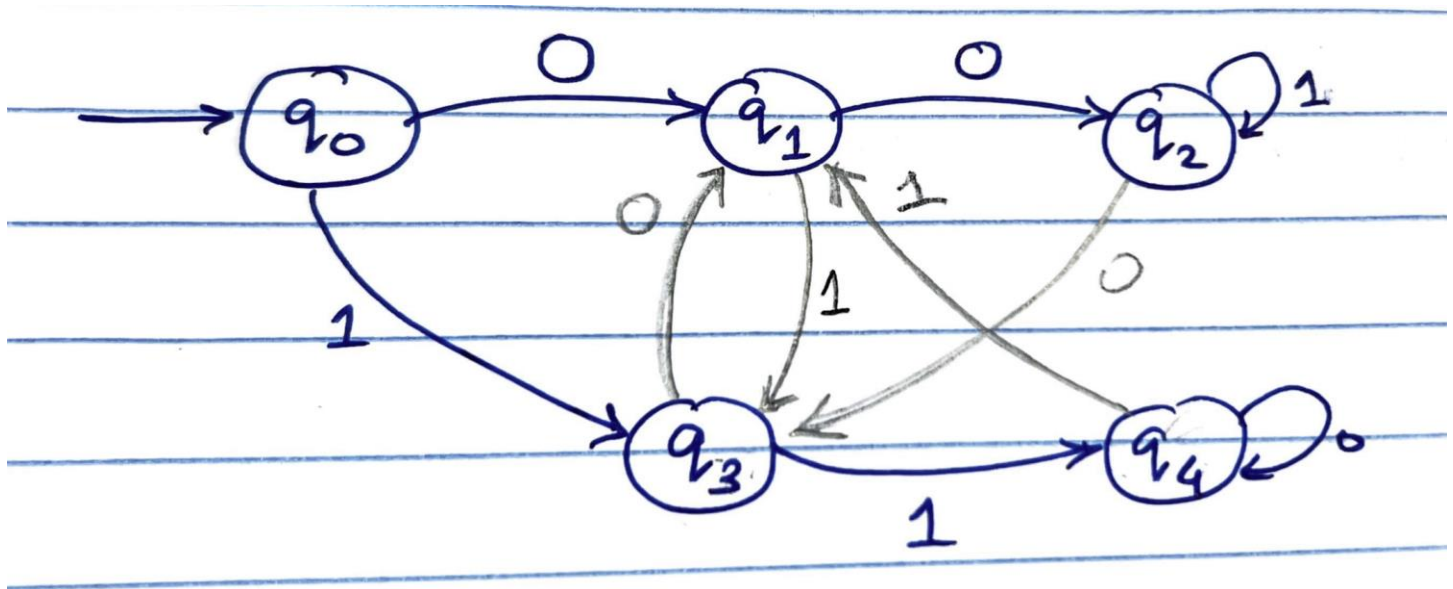
Course: CSC 371 - Finite Automata

Topic: Unit 1 - Finite Automaton

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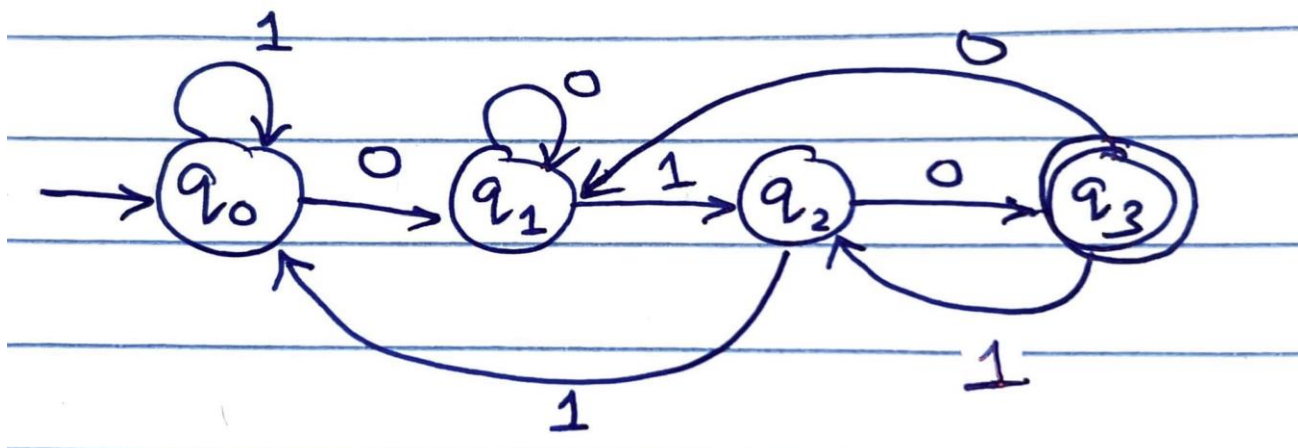
1. Draw a finite automate which accept 00 and 11 at the end of a string containing 0, 1 in it, e.g., 01010100 but not 000111010.

Answer:



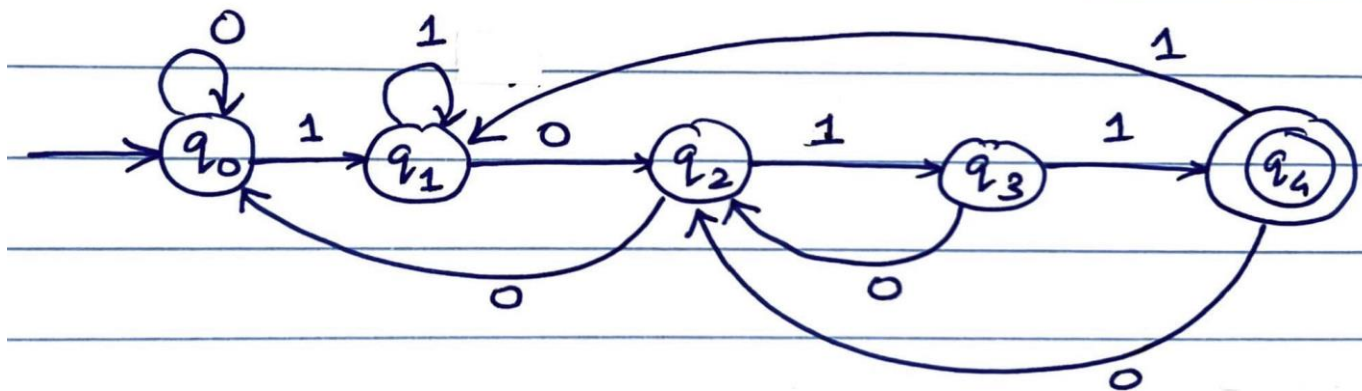
2. Draw a finite automate that ends in 010.

Answer:



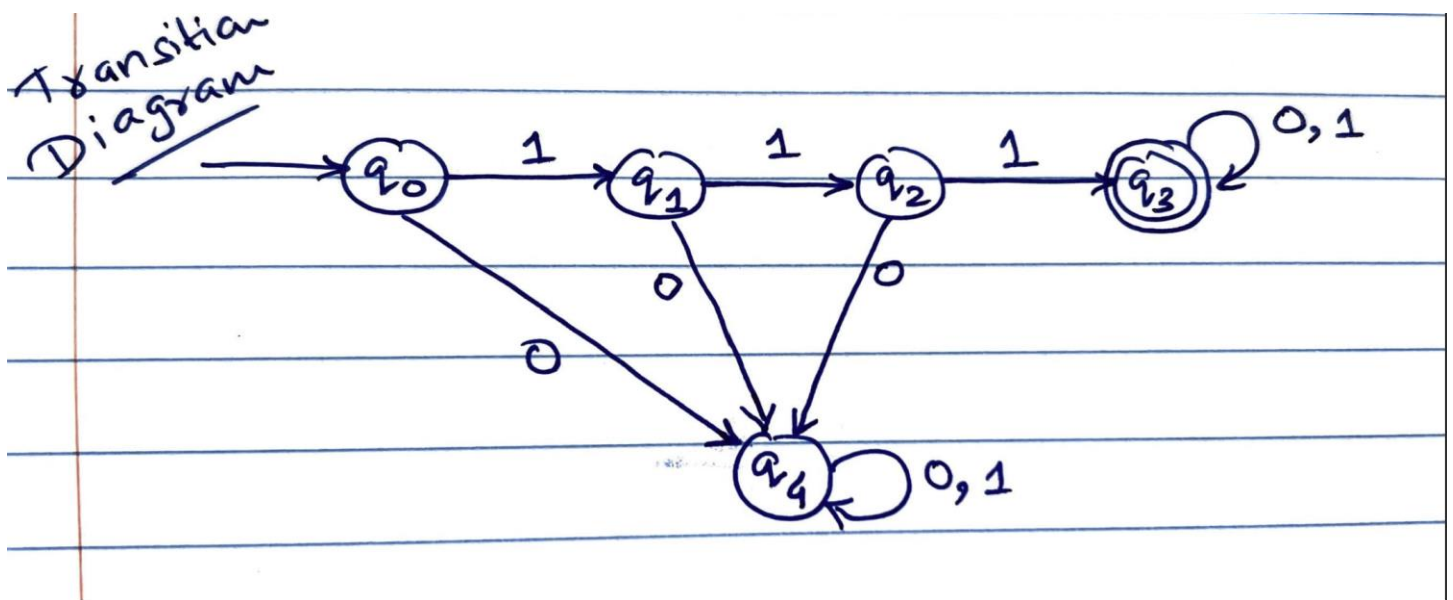
3. Draw a finite automate that ends in 1011.

Answer:



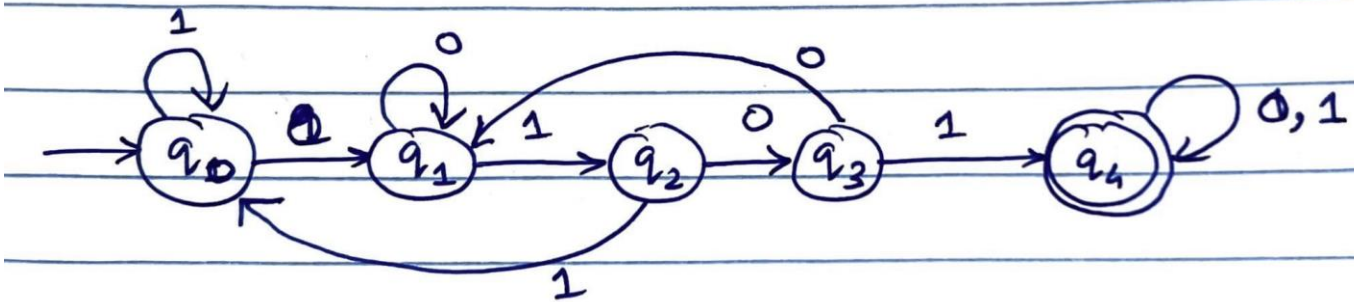
4. Draw a finite automate that starts with 111.

Answer:



5. Draw a finite automate that has this string in 0101 somewhere in the stream.

Answer:



6. Draw a finite automate that has this string in 1010 somewhere in the stream.

Answer:

