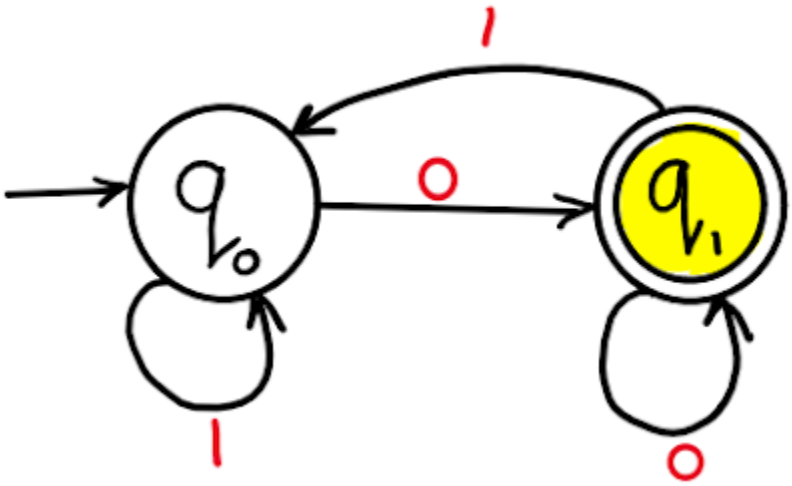
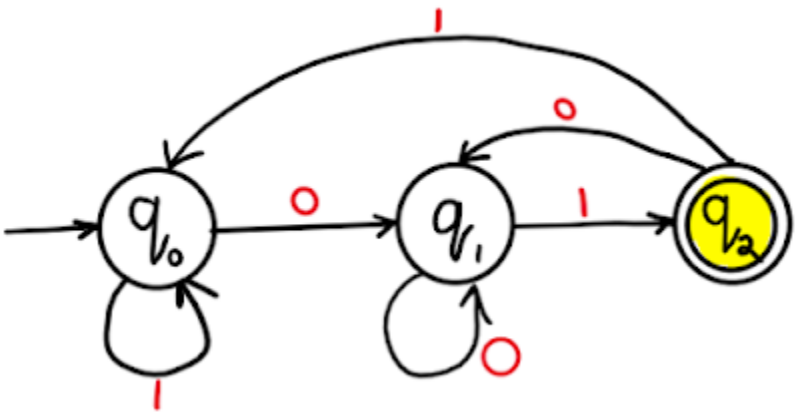
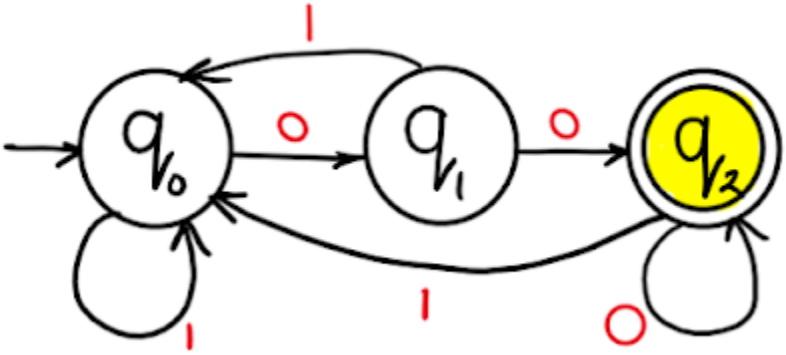
Example 1: Draw a DFA for the language accepting strings ending with ‘0’ over input alphabets ∑={0, 1} ?



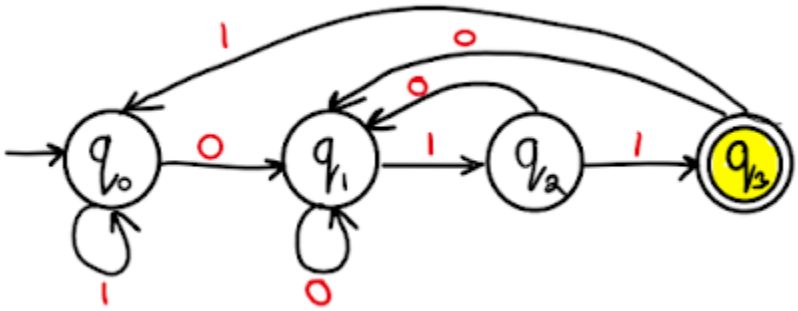

Example 2: Draw a DFA for the language accepting strings ending with ‘01’ over input alphabets ∑={0, 1} ?



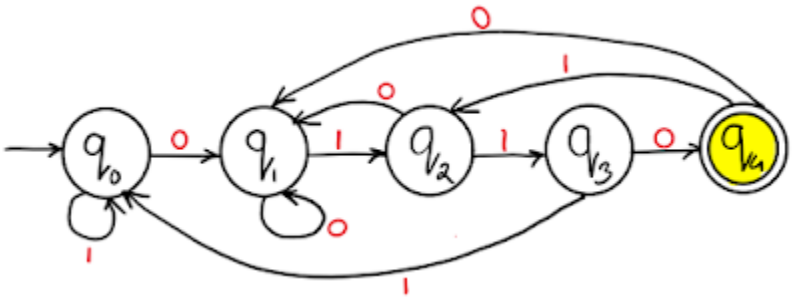

Example 3: Draw a DFA for the language accepting strings ending with ‘00’ over input alphabets ∑={0, 1} ?



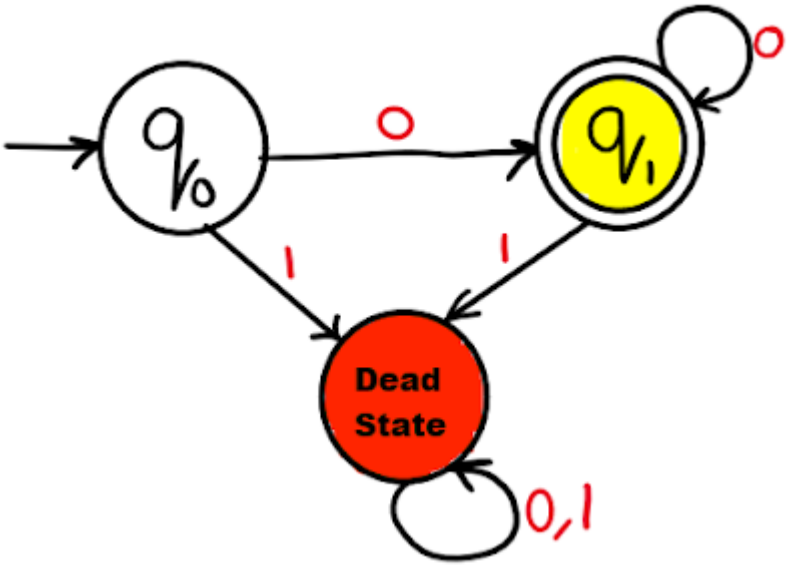
Example 4: Draw a DFA for the language accepting strings ending with ‘011’ over input alphabets ∑ = {0, 1} ?



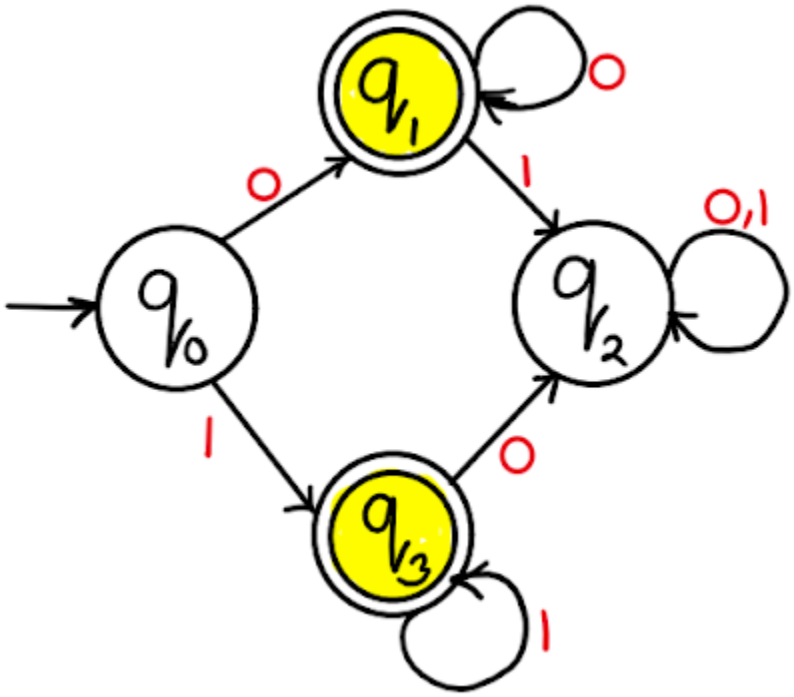

Example 5: Draw a DFA for the language accepting strings ending with ‘0110’ over input alphabets ∑ = {0, 1} ?



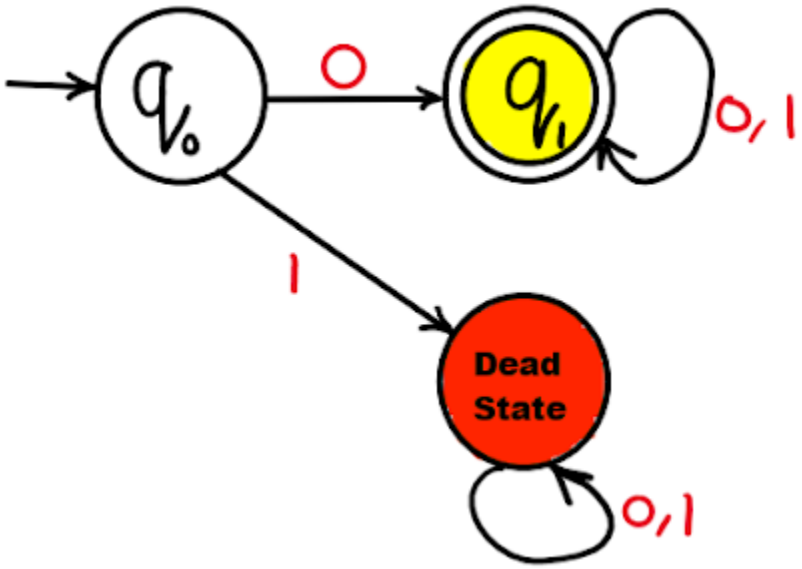

Example 7: Draw a DFA for the language accepting strings with ‘0’ only over input alphabets ∑={0, 1} ?



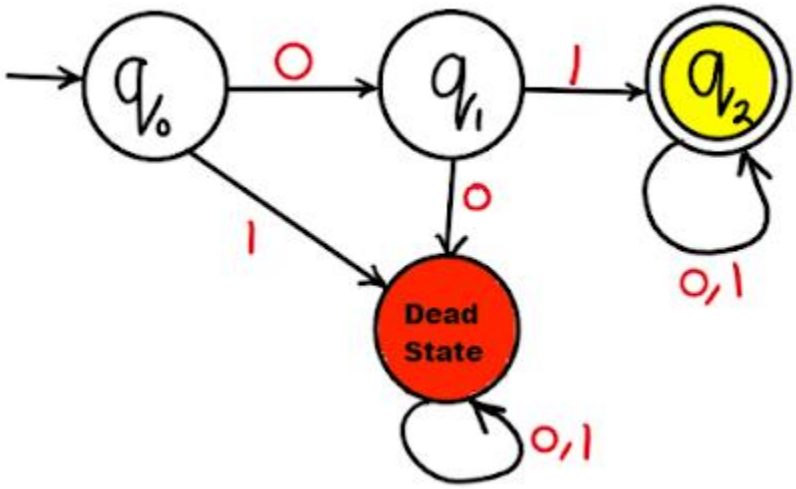

Example 8: Draw a DFA for the language accepting strings with ‘0’ and ‘1’ only over input alphabets ∑={0, 1} ?



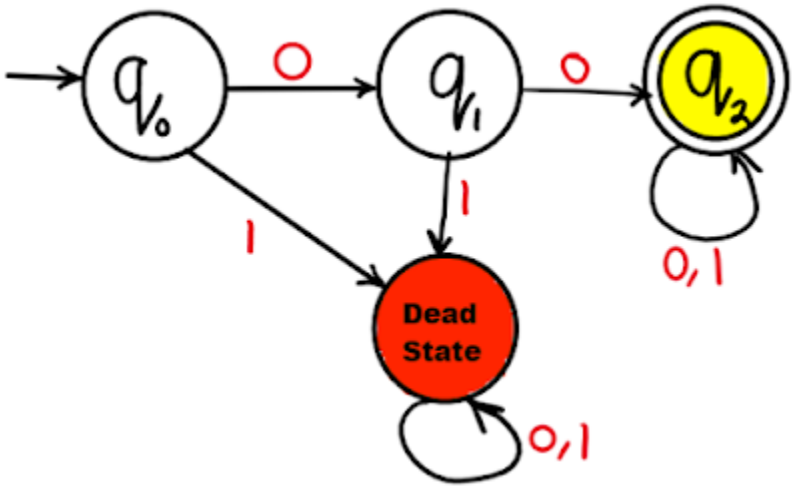

Example 9: Draw a DFA for the language accepting strings starting with ‘0’ over input alphabets ∑={0, 1} ?



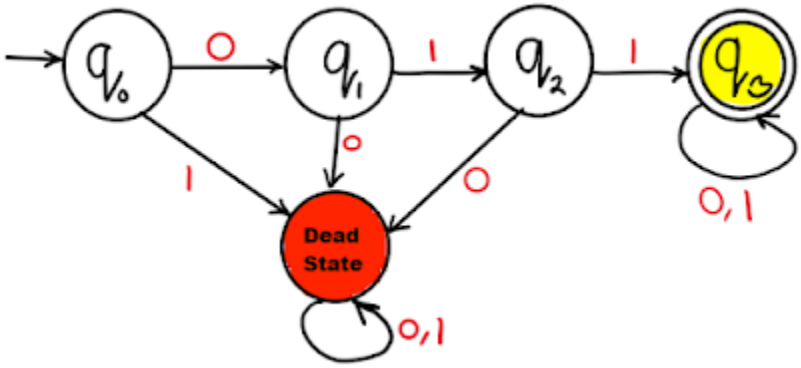

Example 10: Draw a DFA for the language accepting strings starting with ‘01’ over input alphabets ∑={0, 1} ?



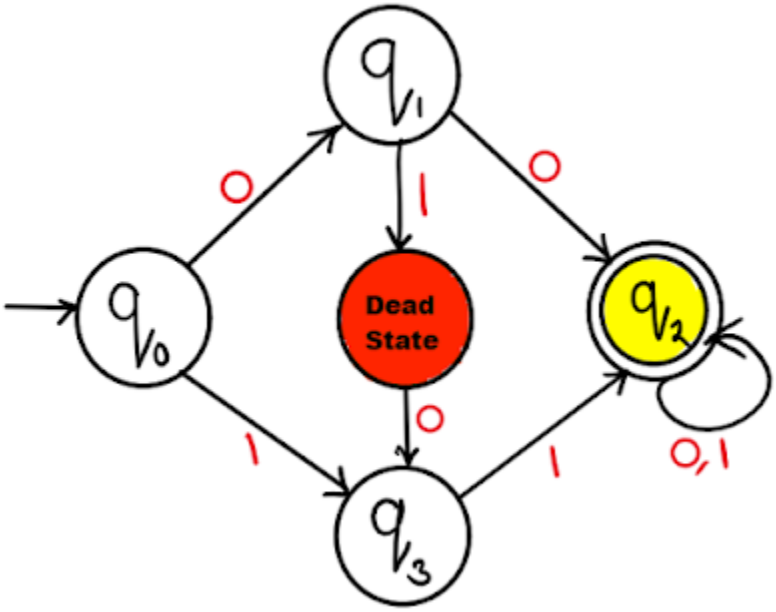

Example 11: Draw a DFA for the language accepting strings starting with '00' over input alphabets ∑={0, 1} ?



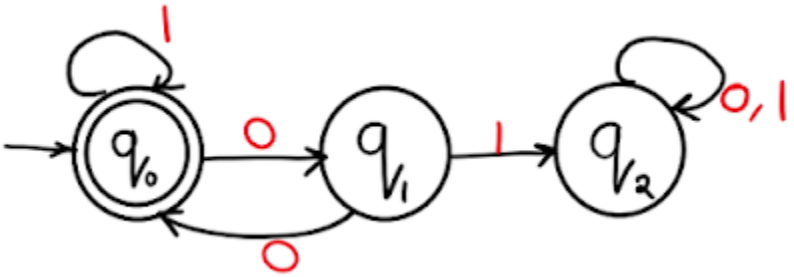

Example 12: Draw a DFA for the language accepting strings starting with '011' over input alphabets ∑ = {0, 1} ?



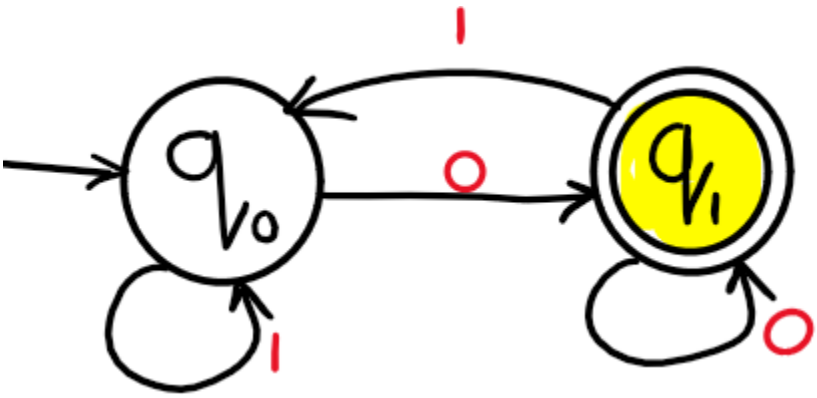
Example 15: Draw a DFA for the language accepting strings starting with ‘00’ or ’11’ over input alphabets ∑ = {0, 1} ?



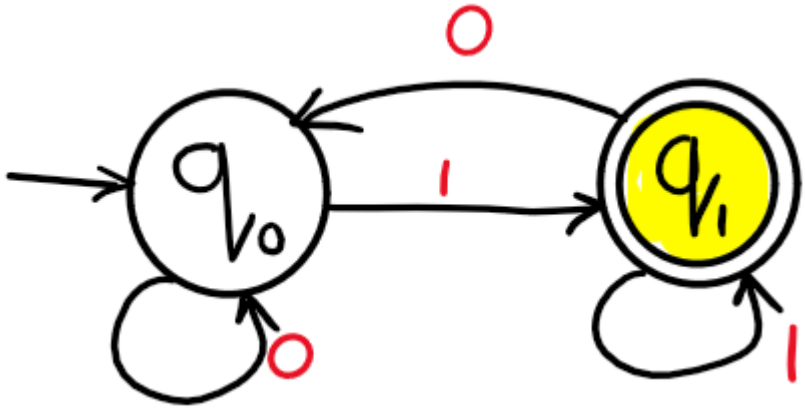

Example 16: Draw a DFA for the language accepting strings without substring ‘00’ over input alphabets ∑ = {0, 1} ?



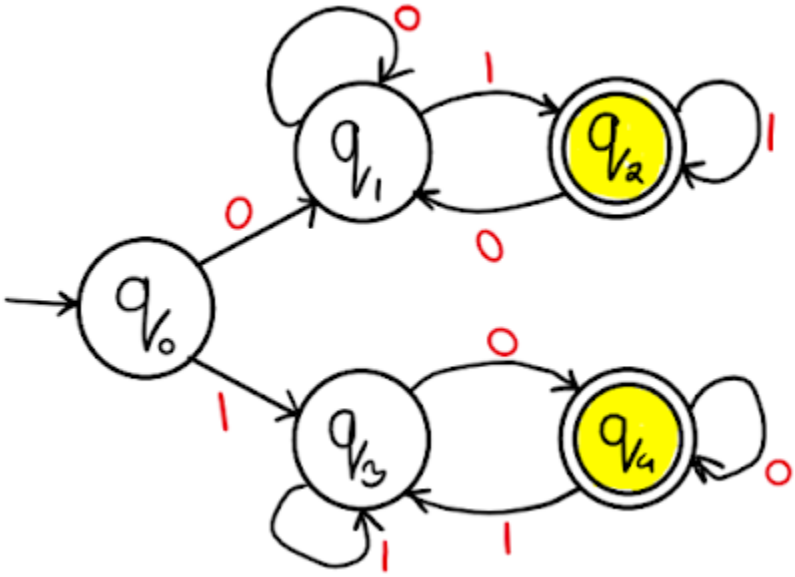

Example 17: Draw a DFA for the language accepting even binary numbers strings over input alphabets ∑ = {0, 1} ?



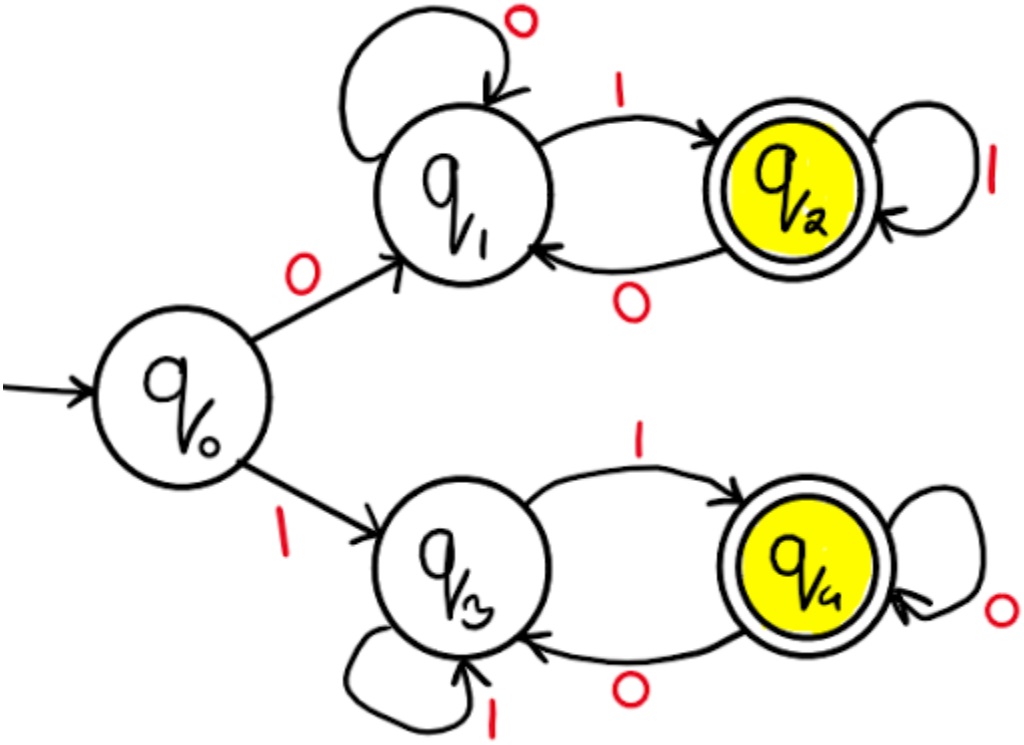
Example 18: Draw a DFA for the language accepting odd binary numbers strings over input alphabets ∑ = {0, 1} ?



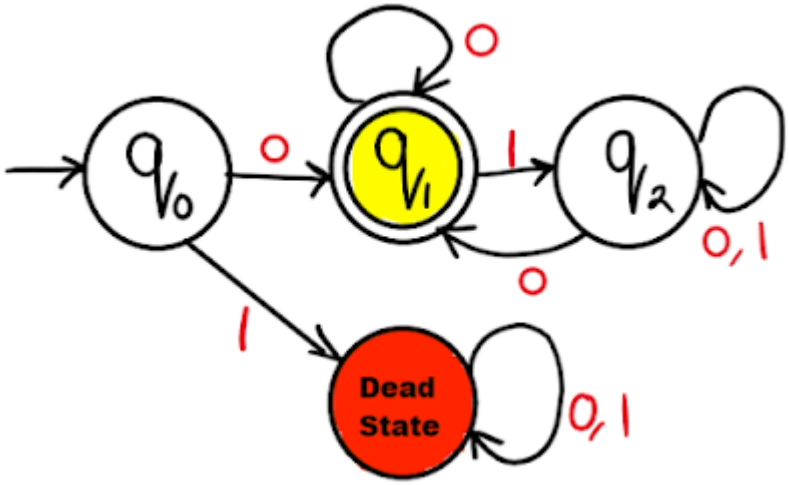

Example 21: Draw a DFA for the language accepting strings starting and ending with different characters over input alphabets ∑ = {0, 1} ?



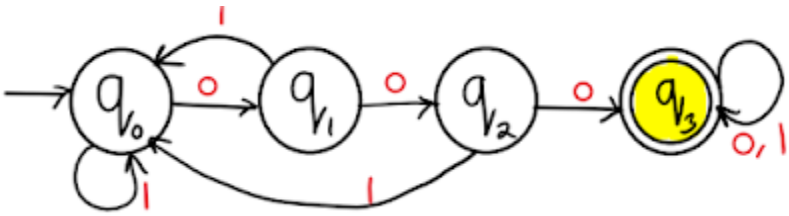

Example 22: Draw a DFA for the language accepting strings starting and ending with same character over input alphabets ∑ = {0, 1} ?



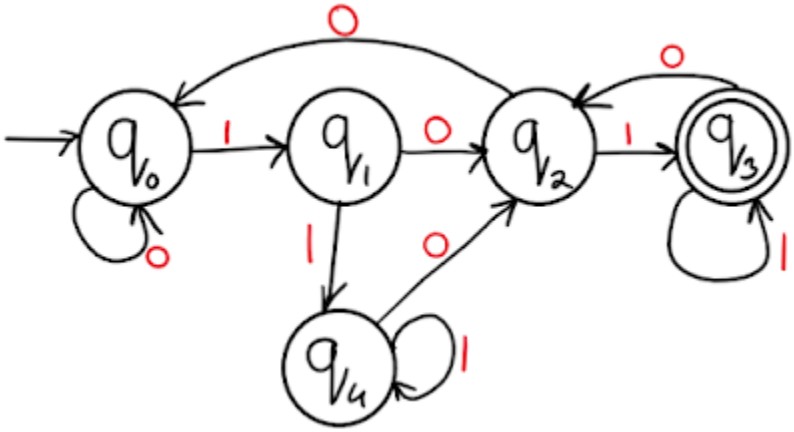

Example 23: Draw a DFA for the language accepting strings starting and ending with ‘0’ always over input alphabets ∑ = {0, 1} ?



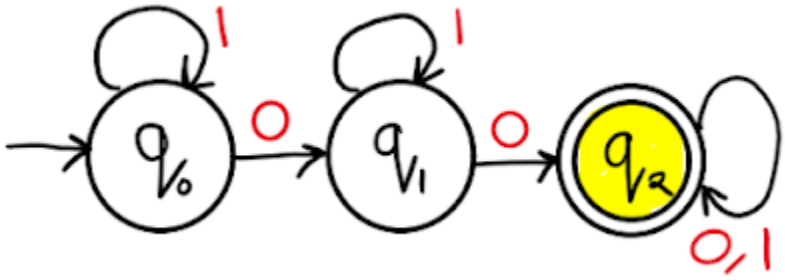

Example 24: Draw a DFA for the language accepting strings containing three consecutives ‘0’ always over input alphabets ∑ = {0, 1} ?



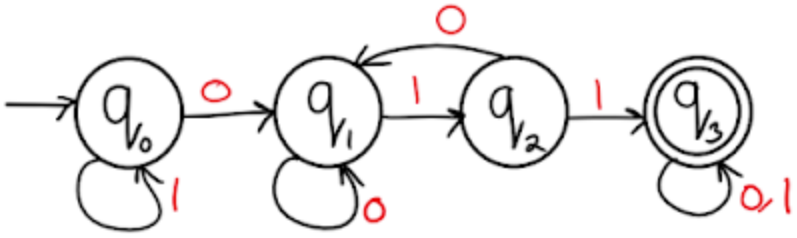

Example 25: Draw a DFA for the language accepting strings such that each '0' is immediately preceded and followed by '1' over input alphabets ∑ = {0, 1} ?



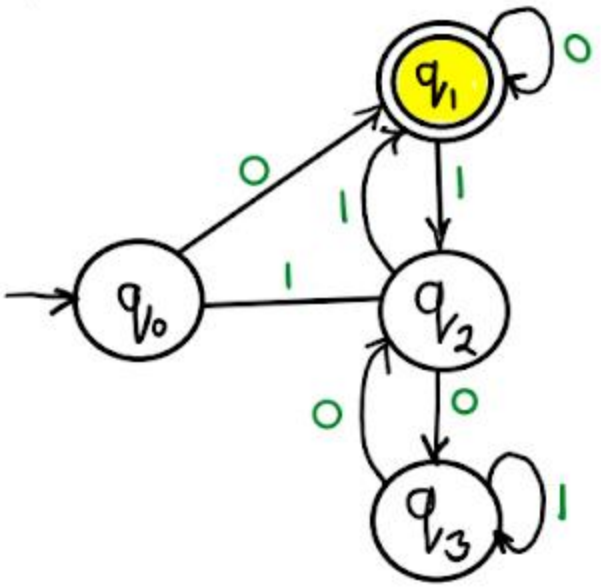

Example 27: Draw a DFA for the language accepting strings containing at least two '0' over input alphabets ∑ = {0, 1} ?




Example 29: Draw a DFA for the language accepting strings with '011' as substring over input alphabets ∑ = {0, 1} ?




Example 36: construct DFA for binary integer divisible by 3 ?


$q_0$
$q_1$
$q_2$
$q_3$
0
1
0
1
1
0
0
1