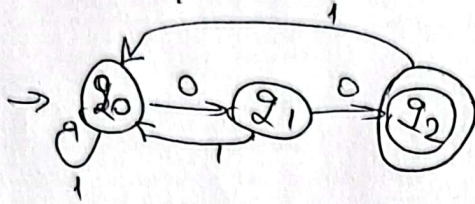
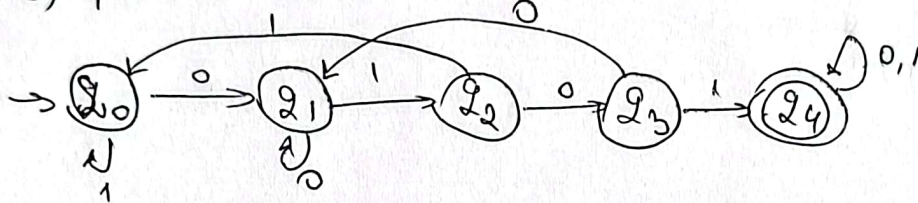


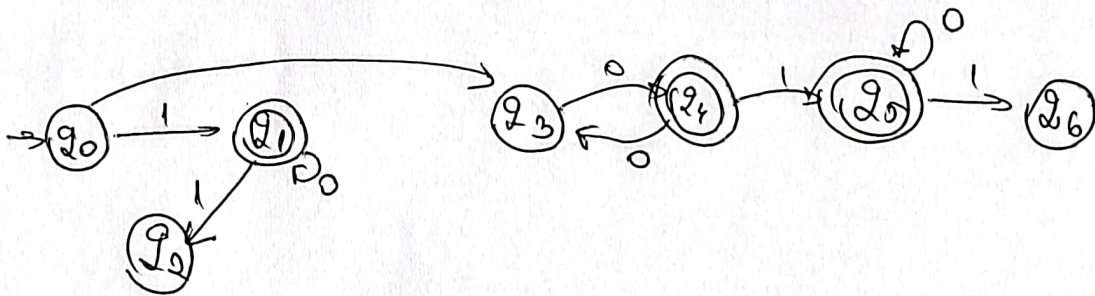
1.7. a)  $\{w \mid w \text{ ends with } 00\}$  with 3 states



b)  $\{w \mid w \text{ contains at least the substring } 0101\}$  with 5 states



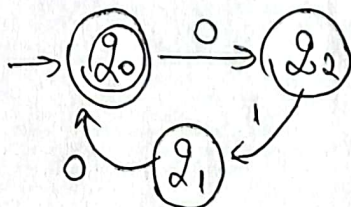
c)  $\{w \mid w \text{ contains an even number of 0s, or contains exactly two 1s}\}$  with 6 states



d)  $\{0\}$  with 2 states



e)  $\{0^*1^*0^+\}$  with 3 states



g)  $\{\epsilon\}$  one state .



h)  $0^*$  with one state

