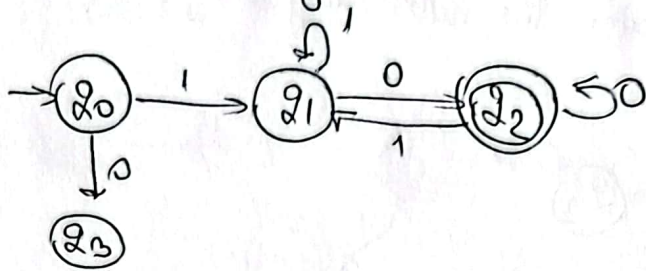
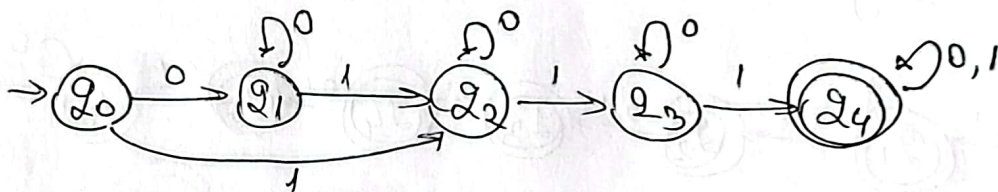


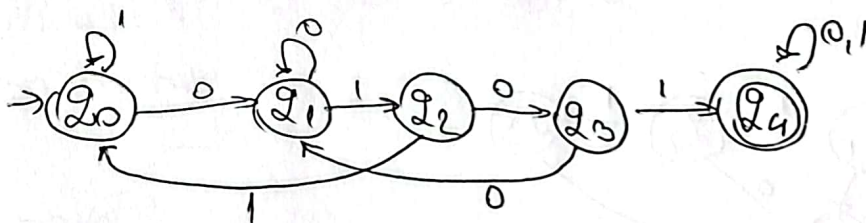
1.6. a)  $\{w | w \text{ begins with a 1 and ends with a 0}\}$



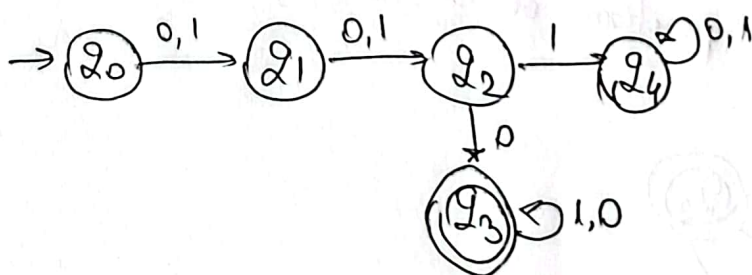
b)  $\{w | w \text{ contains at least three 1s}\}$



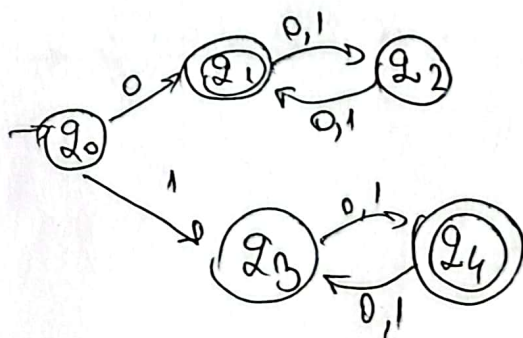
c)  $\{w | w \text{ contains the substring 0101}\}$



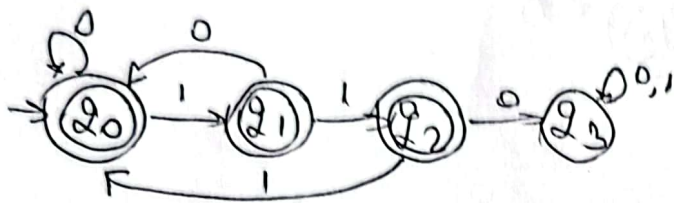
d)  $\{w | w \text{ has length at least 3 and its third symbol is a 0}\}$



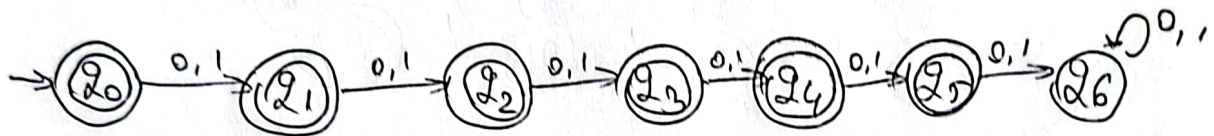
e)  $\{w | w \text{ starts with 0 and has odd length, or starts with 1 and has even length}\}$



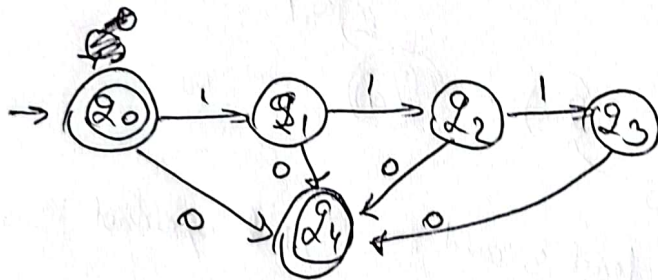
f)  $\{w \mid w \text{ doesn't contain the substring } 110\}$



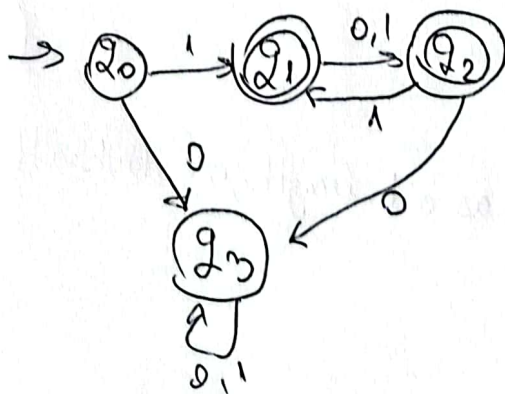
g)  $\{w \mid \text{the length of } w \text{ is at most } 5\}$



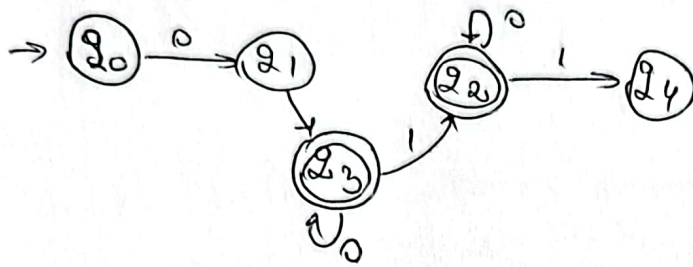
h)  $\{w \mid w \text{ is any string except } 11, 111\}$



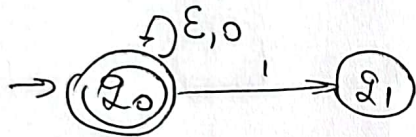
i)  $\{w \mid \text{every odd position of } w \text{ is a } 1\}$



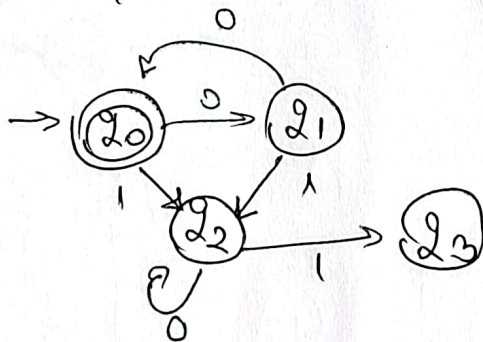
j)  $\{w \mid w \text{ contains at least two 0s and at most one 1}\}$



k)  $\{\epsilon, 0\}$



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



m)  $\{\}$



n) All strings except the empty string

