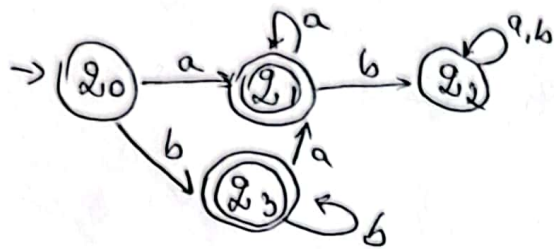
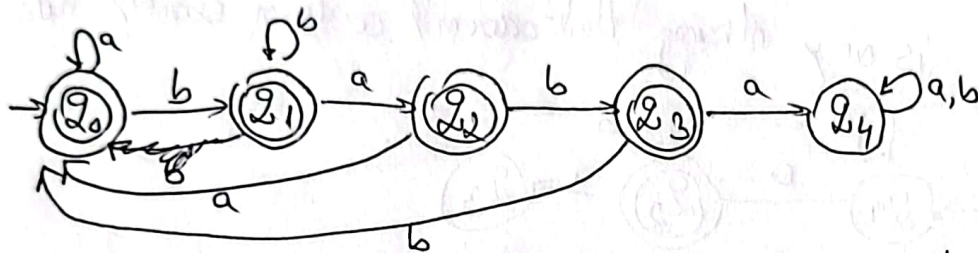


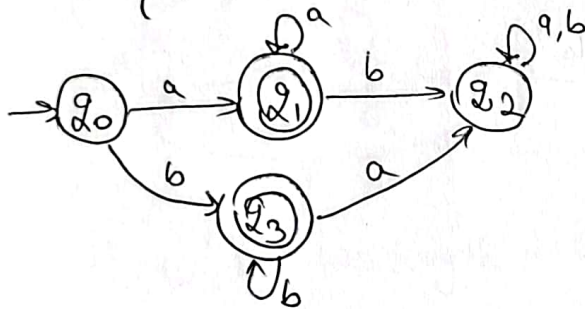
1.5. a) $\{w \mid w \text{ does not contain the substring } ab\}$



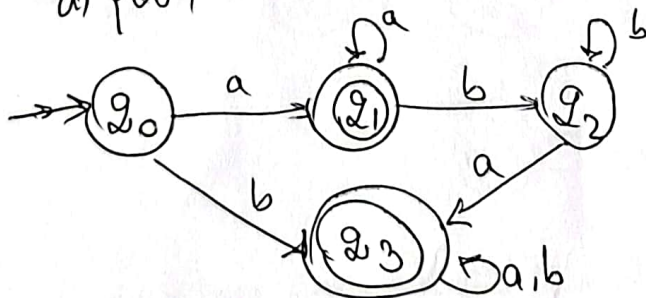
b) $\{w \mid w \text{ does not contain the substring } baba\}$



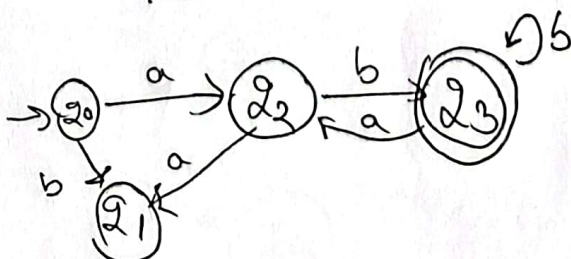
c) $\{w \mid w \text{ contains neither the substrings } ab \text{ nor } ba\}$



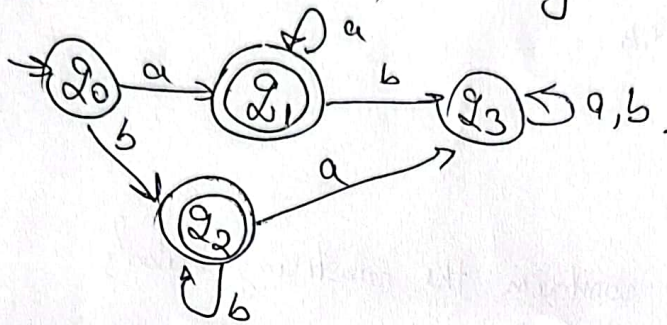
d) $\{w \mid w \text{ is any string not in } a^*b^*\}$



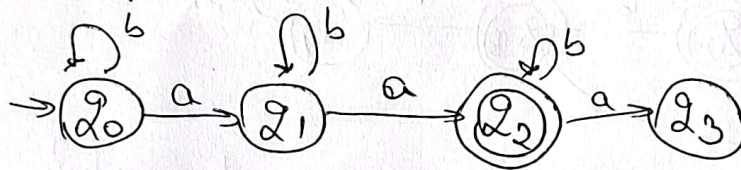
e) $\{w \mid w \text{ is any string not in } (ab^+)^*\}$



f) $\{w \mid w \text{ is any string not in } a^* \cup b^*\}$



g) $\{w \mid w \text{ is any string that doesn't contain exactly two } a\text{'s}\}$



h) $\{w \mid w \text{ is any string except } a \text{ and } b\}$

