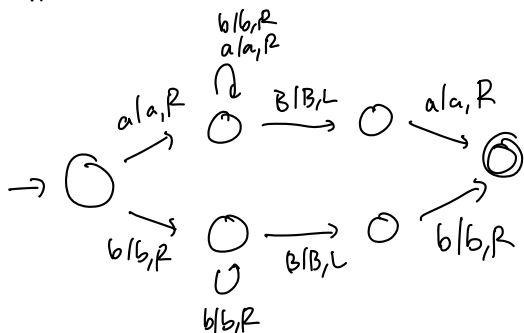


1a, 1c, 2e, 2f

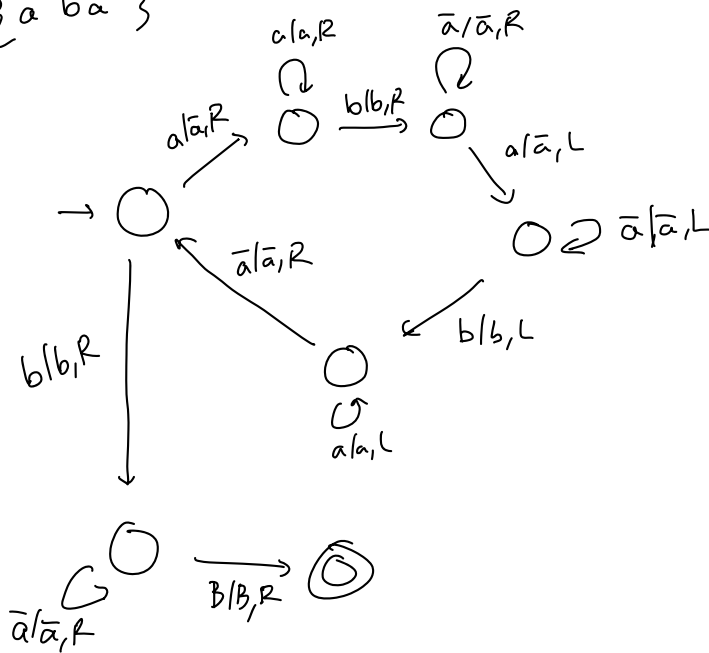
1a

first & last letter are the same



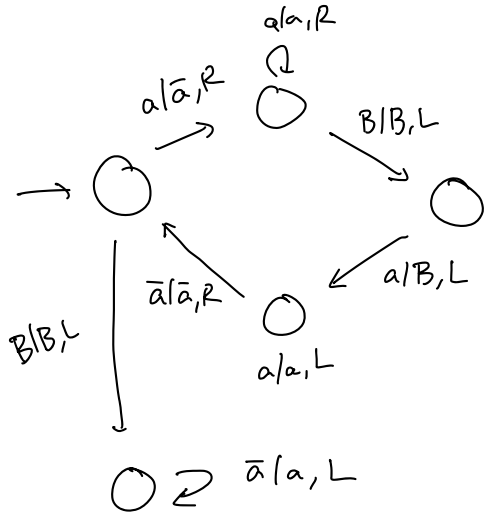
1c

$\{a^n b a^n\}$



2e

$$f(a^{2n}) = a^n$$



2f

Adding 4 is same as adding 1
in the 3rd digit

$$\begin{array}{r}
 101101 \\
 + \quad 1 \\
 \hline
 110001
 \end{array}$$

