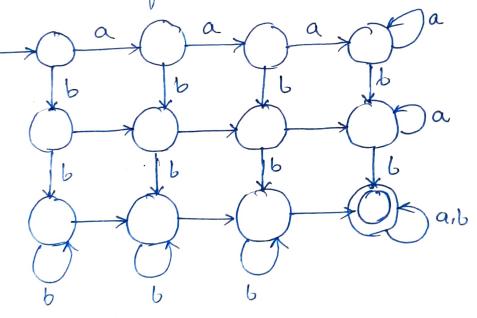
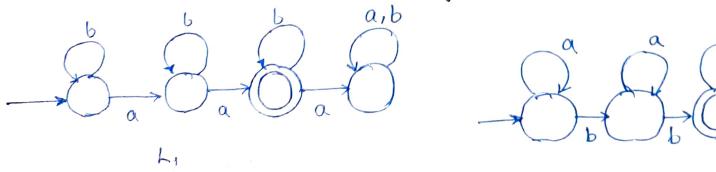
Question I:

(a) {w| w was at least three a's and at least two b's?

taking intensection of M1 and M2:

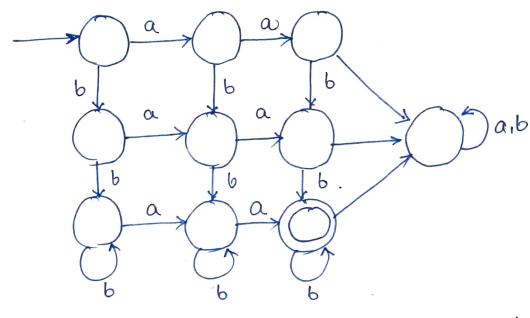


(b) $k = 2 \omega l \omega$ has at exactly two a's and at reast two b's?

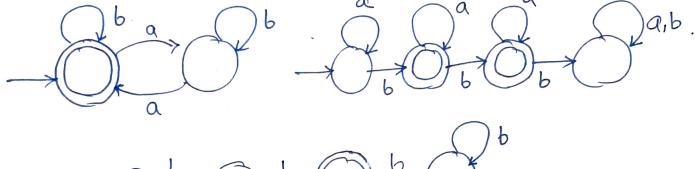


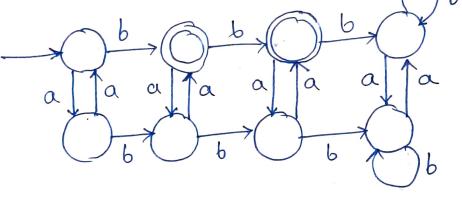
L2

9,6

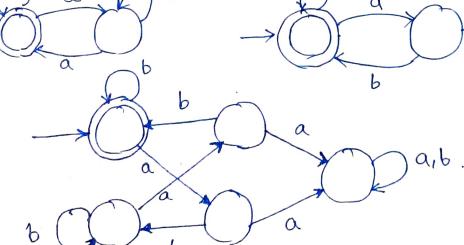


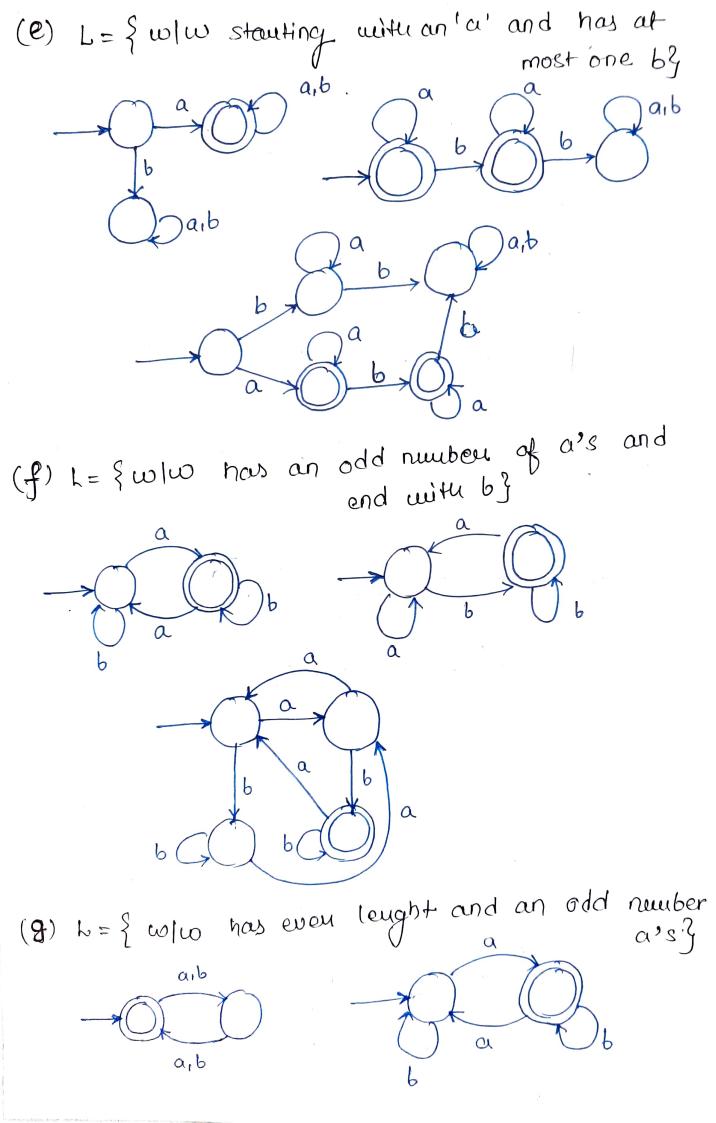
(c) L= { w/w has even number of a's and one or two b's}.

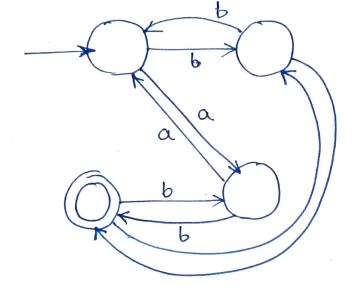




(d) $k = \{ w | w \text{ hows even number of als and each } a is followed by at least one b \} a, b$

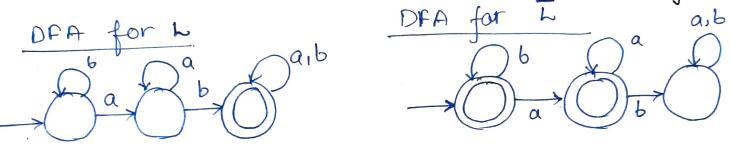






Question II

(a) I={w|w doest, not contain the substring ab}



(b) { w/w doest not contain the substring baba}

