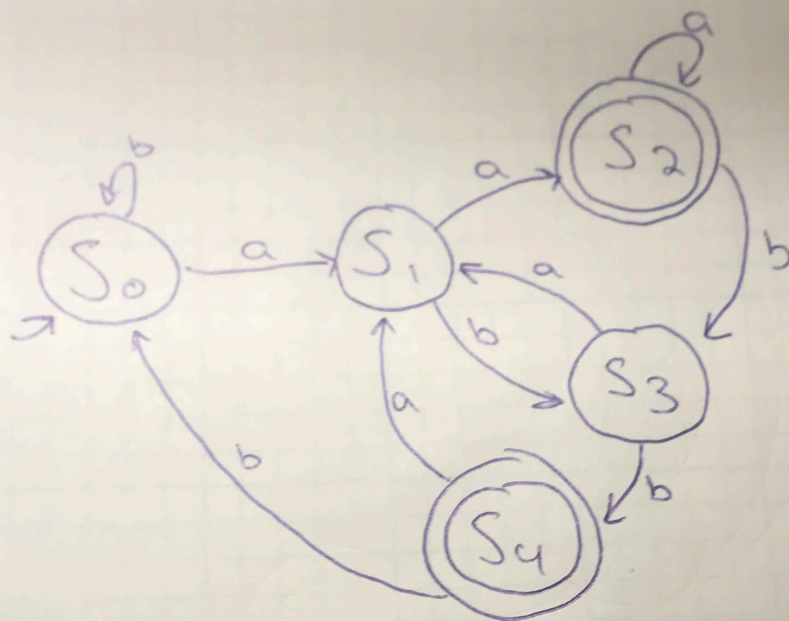


Pattern aalabb
 String aaabbaabb

$\Sigma = \{a, b\}$



$S_0 \rightarrow S_1$ {a} aabbaabb

$S_1 \rightarrow S_2$ {aa} abbaabb

match [2]

$S_2 \rightarrow S_2$ {aaa} bbaabb

match [2,3]

$S_2 \rightarrow S_3$ {ab} baabb

match [2,3,5]

$S_3 \rightarrow S_4$ {abb} aabb

$S_4 \rightarrow S_1$ {a} abb

match [2,3,5,7]

$S_1 \rightarrow S_2$ {aa} bb

$S_2 \rightarrow S_3$ {ab} b

match [2,3,5,7,a]

$S_3 \rightarrow S_4$ {abb} eof