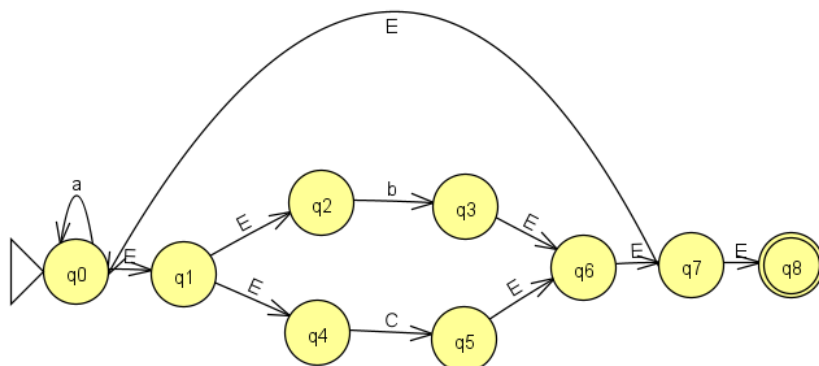
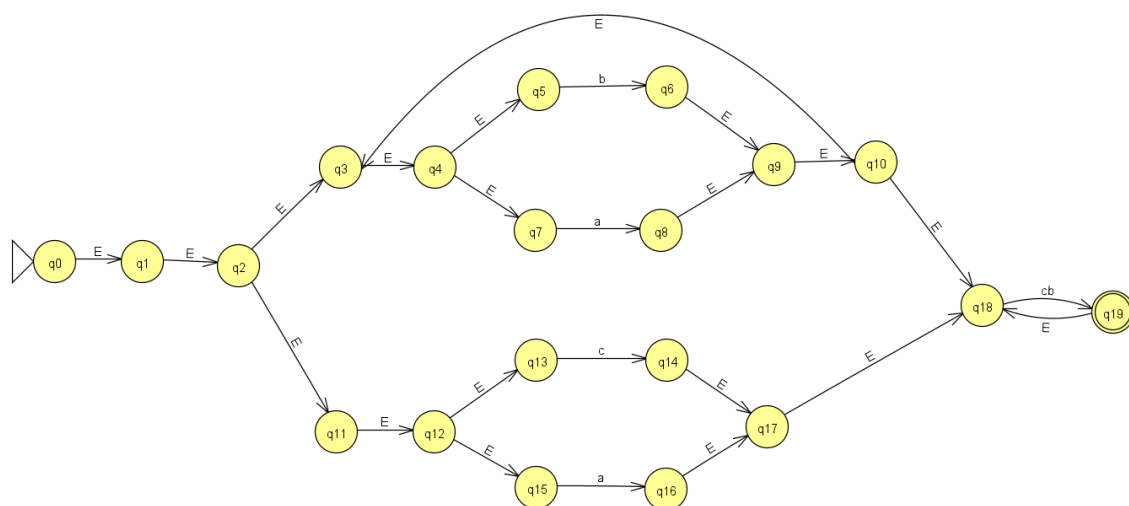


HW4

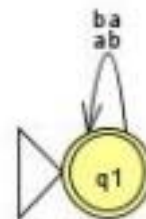
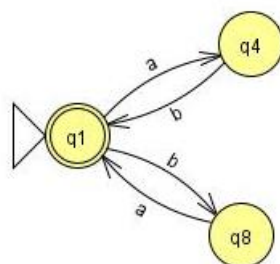
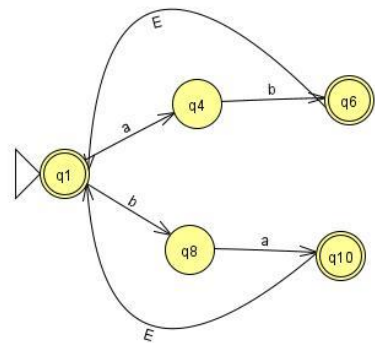
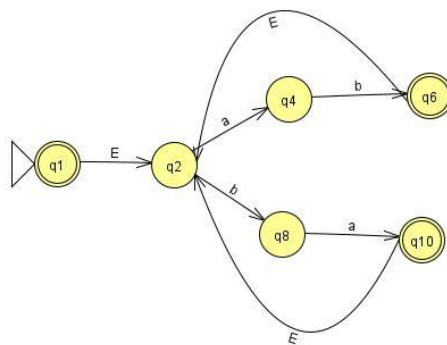
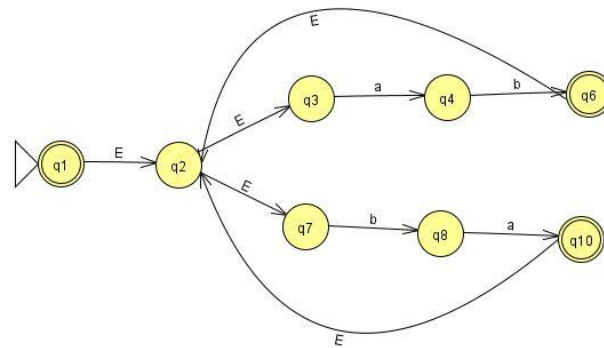
1. 1.



2.

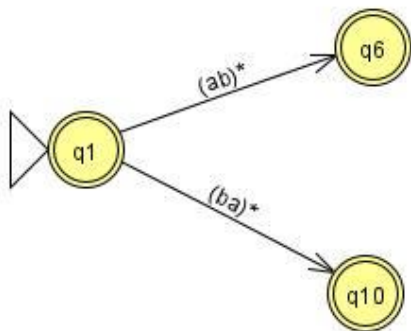
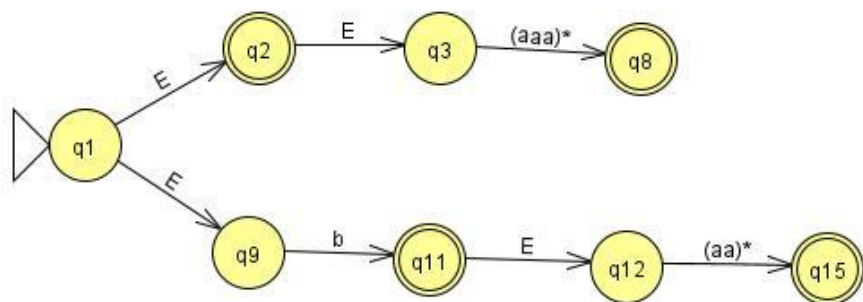
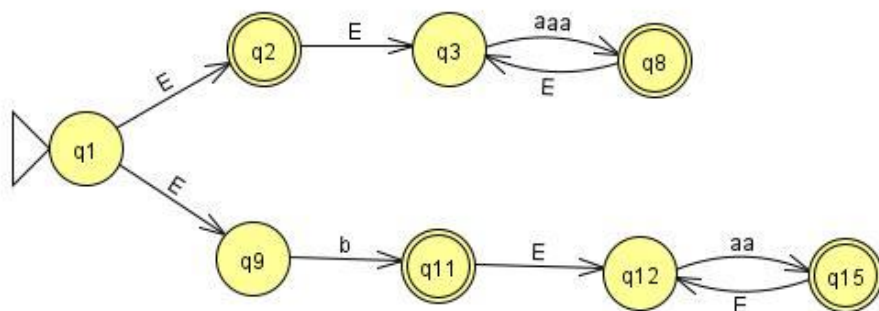


2. 1.



Regular Expression: $(ab + ba)^*$

2.



Regular Expression: $\epsilon + (ab)^* + (ba)^*$