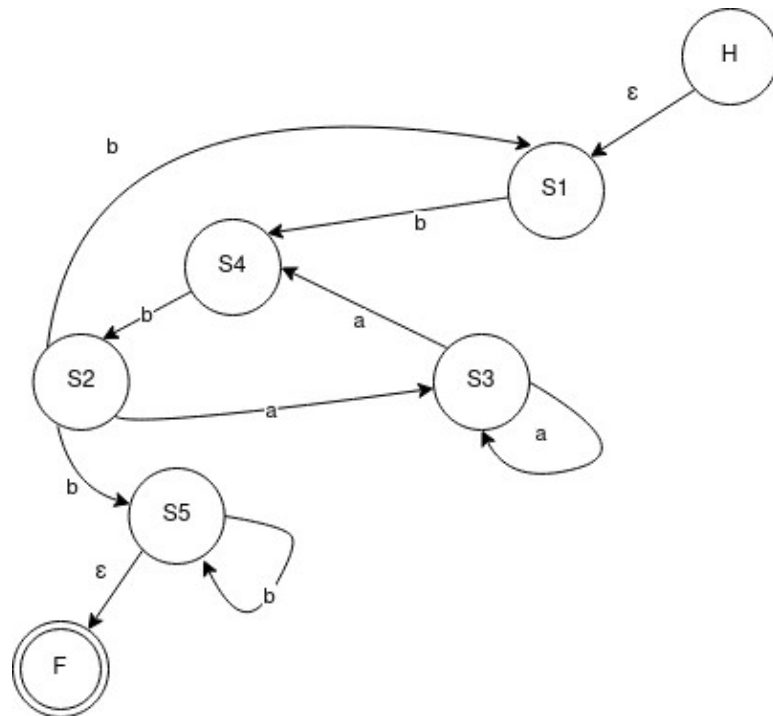
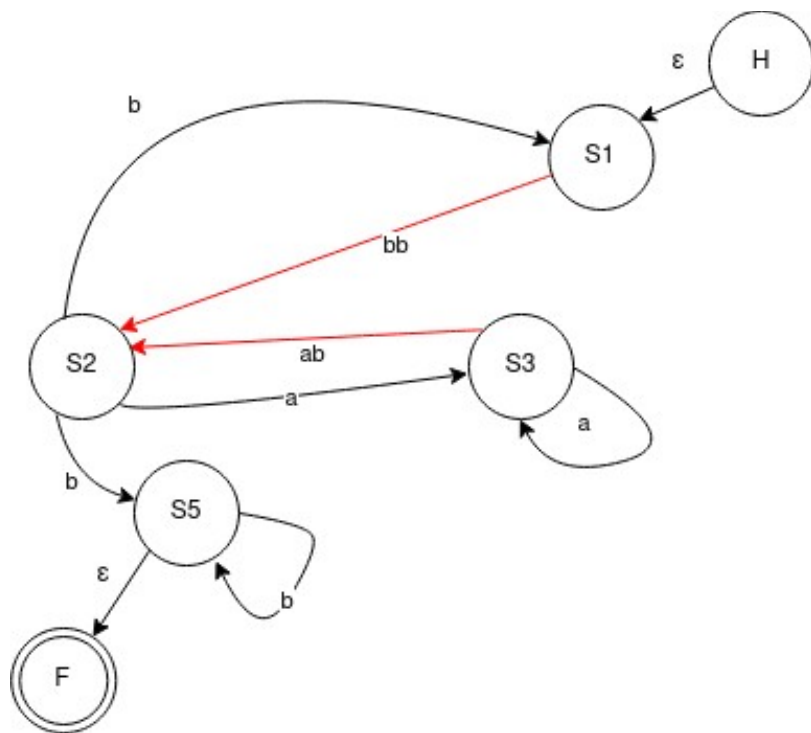


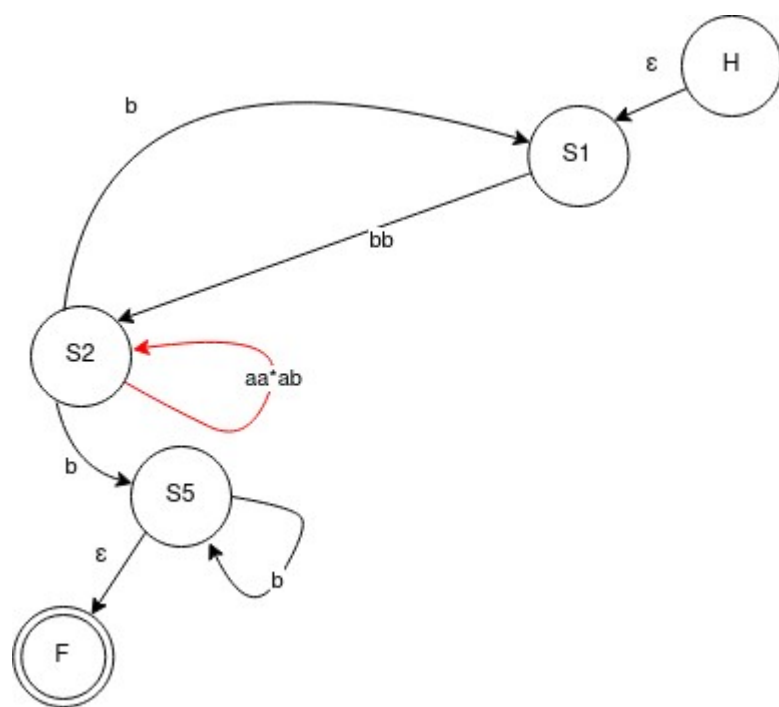
1.



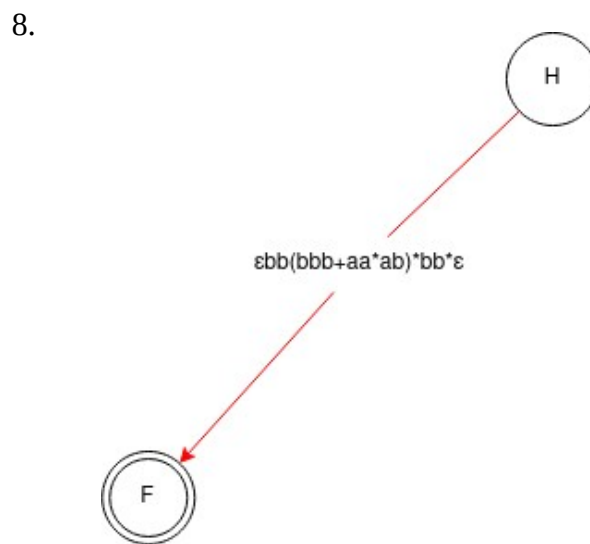
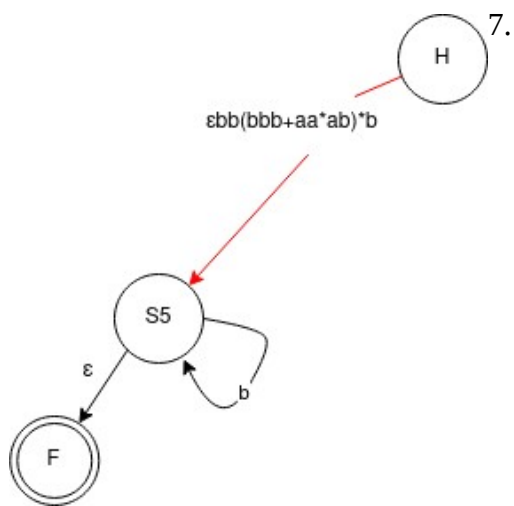
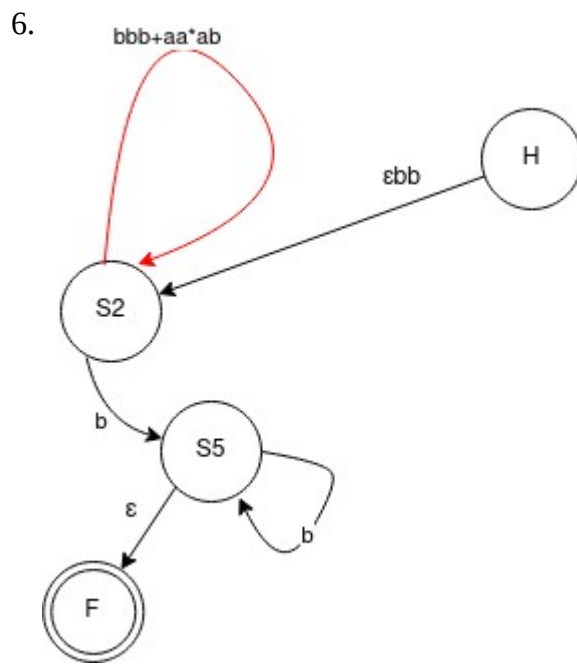
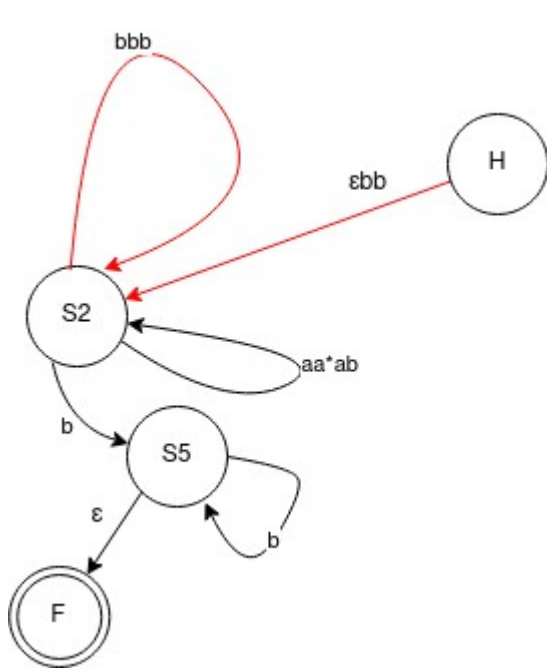
2.



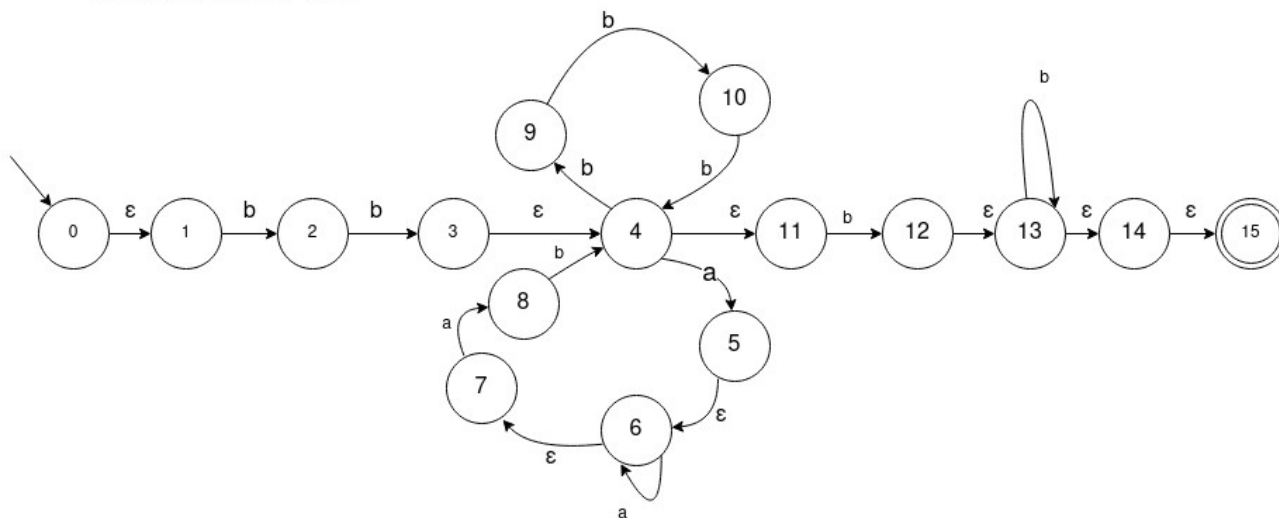
3.



4.



$\epsilon bb(bbb+aa^*ab)^*bb^*\epsilon$



S(состояния)	δ		
	x=a	x=b	
{0,1}	\emptyset	{2}	-
{2}	\emptyset	{3,4,9,11}	
{3,4,9,11}	{5,6,7}	{9,10,11,12,13,14,15}	
{5,6,7}	{6,7,8}	\emptyset	
{9,10,11,12,13,14,15}	\emptyset	{10,4,12,13,14,15}	+
{6,7,8}	{7,8}	{4}	
{10,4,12,13,14,15}	{5,6,7}	{4,9,11,12,13,14,15}	+
{7,8}	{8}	{4}	
{4}	{5,6,7}	{9,11,12,13,14,15}	
{4,9,11,12,13,14,15}	{5,6,7}	{9,10,11,12,13,14,15}	+
{8}	\emptyset	{4}	
{9,11,12,13,14,15}	\emptyset	{10,12,13,14,15}	+
{10,12,13,14,15}	\emptyset	{4,13,14,15}	+
{4,13,14,15}	{5,6,7}	{9,15}	+
{9,15}	-	{10}	+
{10}	-	{4}	

S(состояния)	δ	
	x=a	x=b
q0	\emptyset	q1
q1	\emptyset	q2
q2	q3	q4
q3	q5	\emptyset
q4	\emptyset	q6
q5	q7	q8
q6	q3	q9
q7	q10	q8
q8	q3	q11
q9	q3	q4
q10	\emptyset	q8
q11	\emptyset	q12
q12	\emptyset	q13
q13	q3	q14
q14	\emptyset	q15
q15	\emptyset	q8

