State	Symbol	δ(State, Symbol)
0	*a*	(1, #, *R*)
0	*b*	(4, #, *R*)
0	#	(Accept, #, *R*)
1	*a*	(1, *a*, *R*)
1	*b*	(1, *b*, *R*)
1	#	(2, #, *L*)
2	*a*	(3, #, *L*)
2	*b*	(Reject, #, R)
2	#	(Accept, #, R)
3	*a*	(3, *a*, *L*)
3	*b*	(3, *b*, *L*)
3	#	(0, #, *R*)
4	*a*	(4, *a*, *R*)
4	*b*	(4, *b*, *R*)
4	#	(5, #, *L*)
5	*a*	(Reject, #, R)
5	*b*	(3, #, *L*)
5	#	(Accept, #, *R*)

In the Transition Function, '0' is the start state, 'Accept' is the accept state and 'Reject' is the reject state. Trace the execution of this Turing machine with the string **baaaab#** as input. Note that '**#**' represents the blank symbol