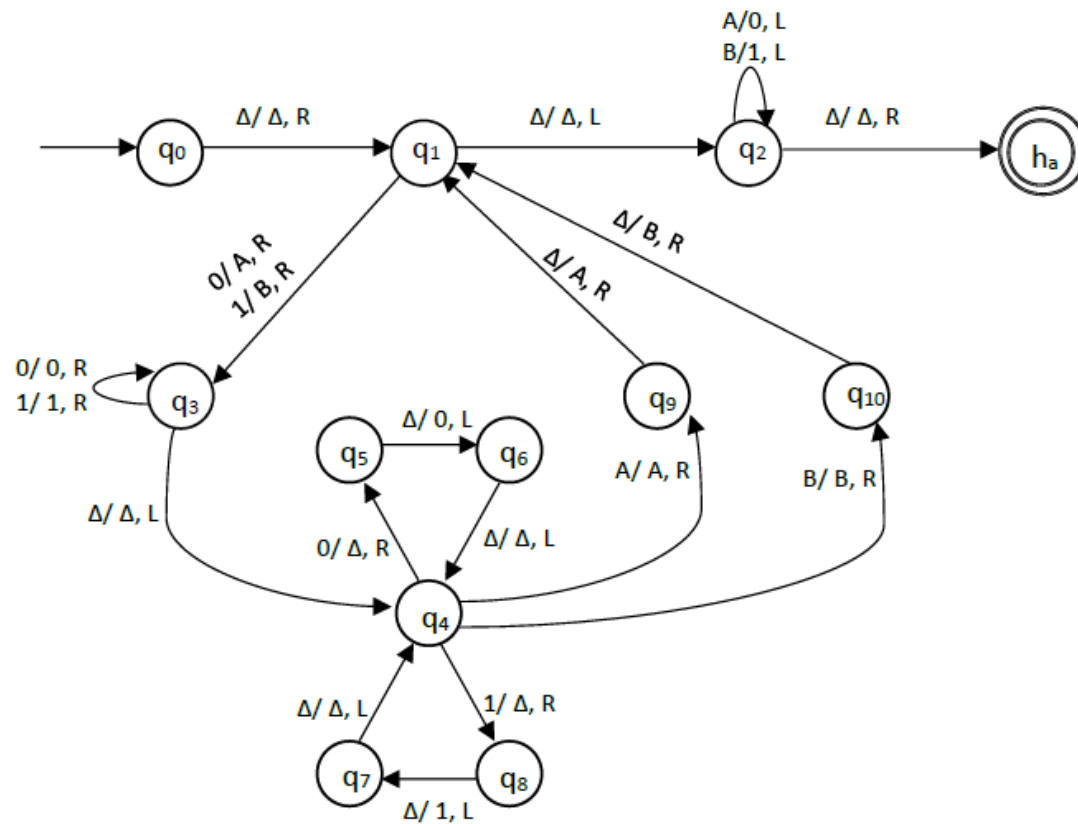


The TM places $1^x 0^y$ at end of the tape, where $x = n_1(\text{input})$ and $y = n_0(\text{input})$



The Turing machine doubles each symbol given in input for example 110011 is converted to 111100001111