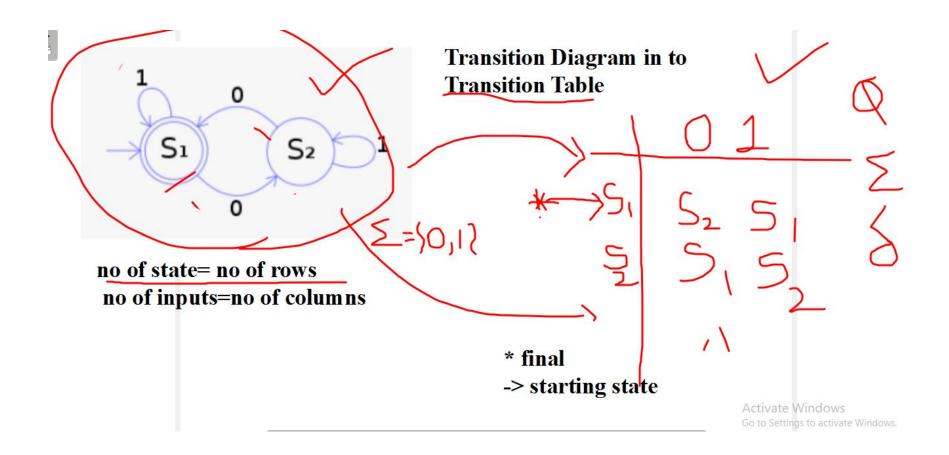
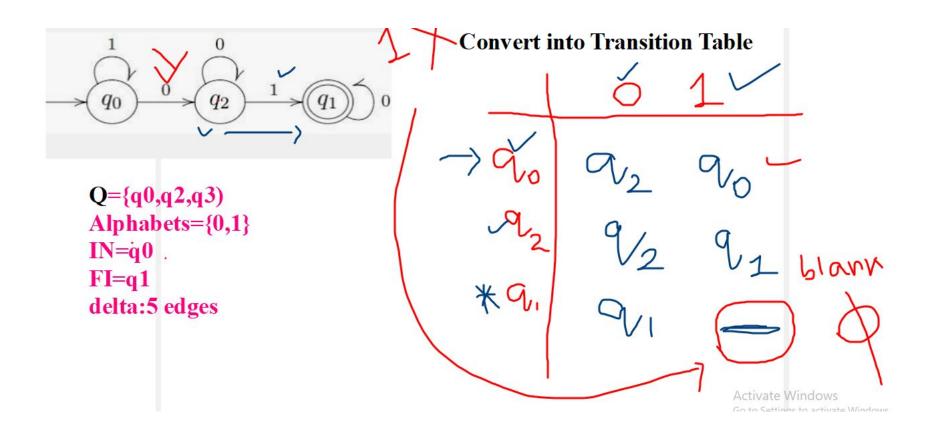
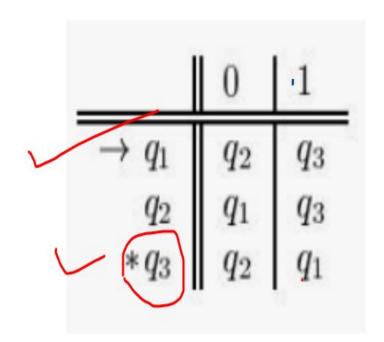
Conversion of Transition Diagram into Transition Table



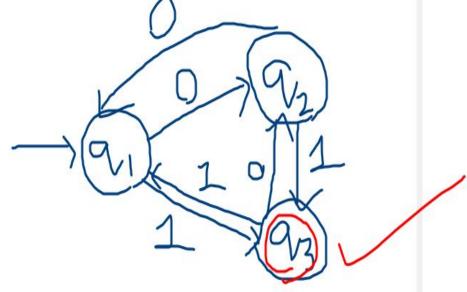
Conversion of Transition Diagram into Transition Table



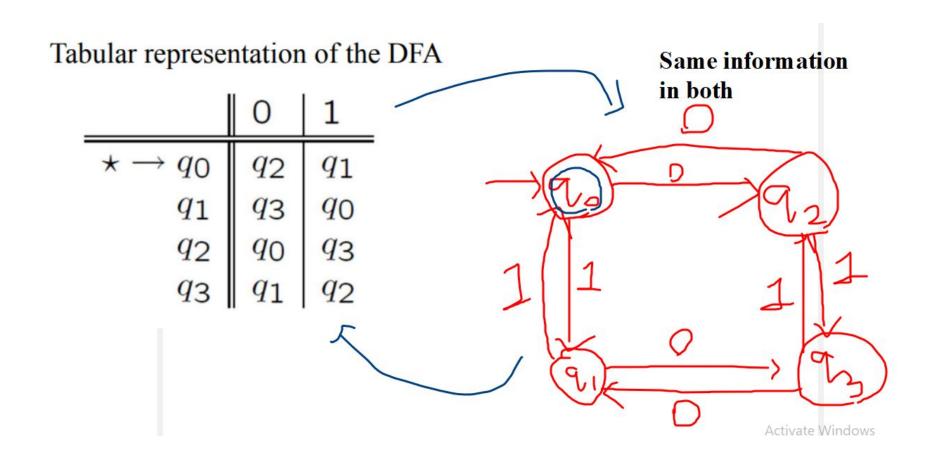
Conversion of transition table into transition diagram



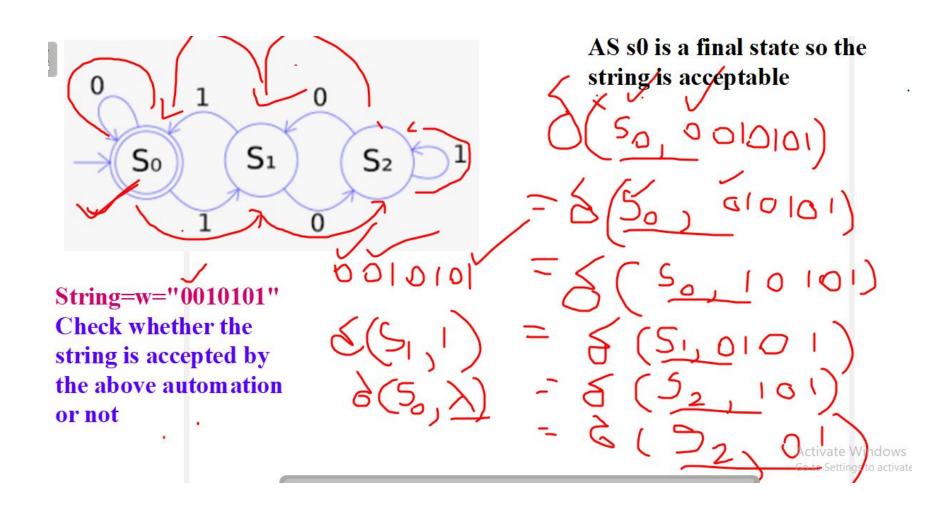
How to convert A transition table into transition diagram



Conversion of transition table into transition diagram



Check whether the string is accepted by the given automation or not



As SO is the final state, so the string 0010010 is acceptable

```
\delta(So,0010010)
=\delta(So,010010)
=\delta(S_{0},10010)
=\delta(S1,0010)
=\delta(S2,010)
=\delta(S1,10)
=\delta(So,0)
                    So
                           S_1
                                  S_2
=\delta(So, \lambda)
```