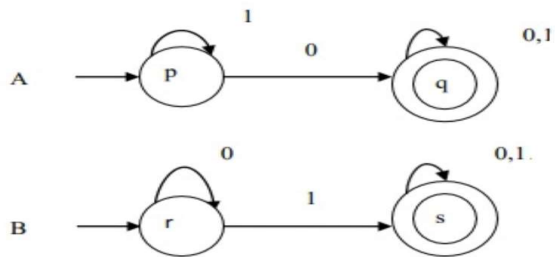


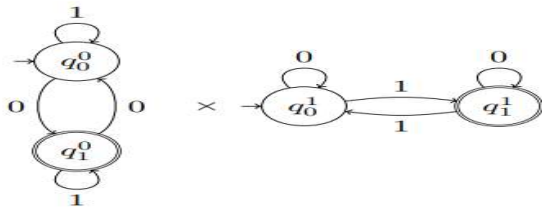
Tutorial-5

1. Construct $A \cap B$ where A and B is given as follows –



2. $L_1 = \{\text{starts with a and ends with b}\}$ and $L_2 = \{\text{starts with b and ends with a}\}$. Then find $L = L_1 \cup L_2$ or $L = L_1 + L_2$.

3. Find the product of two FA given below:



4. Minimize the DFA shown below using table filling method:

