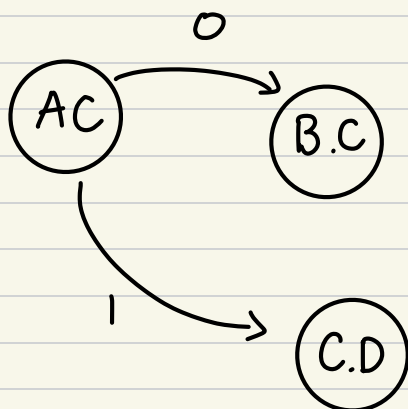


Question 10

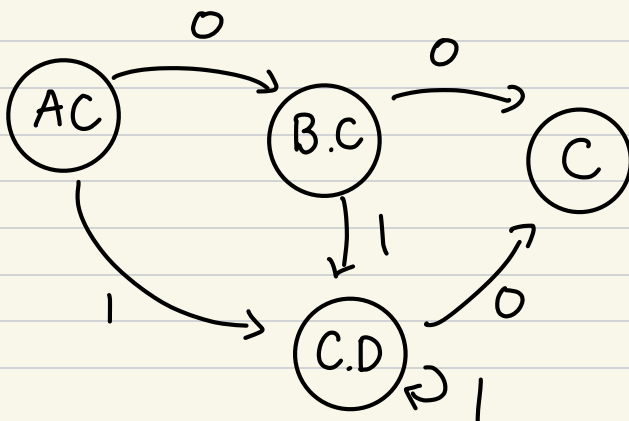
NFA \rightarrow DFA

Step 1 $A \xrightarrow{0} B$, $A \xrightarrow{1} x$

$C \xrightarrow{0} C$ $C \xrightarrow{1} C$
 $C \xrightarrow{1} D$



Step 2 $B \xrightarrow{0} x$ $B \xrightarrow{1} D$ $C \xrightarrow{0} C$ $C \xrightarrow{1} C$
 $C \xrightarrow{1} D$ $D \xrightarrow{0} x$ $D \xrightarrow{1} x$

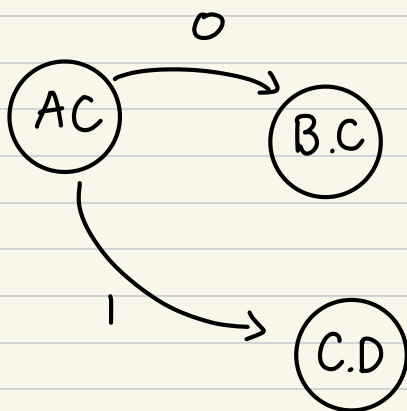


Question 10

NFA \rightarrow DFA

Step 1 $A \xrightarrow{0} B$, $A \xrightarrow{1} x$

$C \xrightarrow{0} C$ $C \xrightarrow{1} C$
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Step 2 $B \xrightarrow{0} x$ $B \xrightarrow{1} D$ $C \xrightarrow{0} C$ $C \xrightarrow{1} C$
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