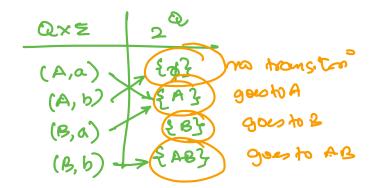
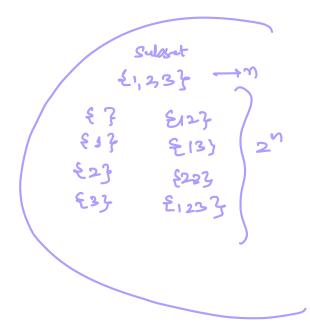
DFA: S: QXE - Q

NIA: $S: Q \times Z \longrightarrow 2^{Q}$



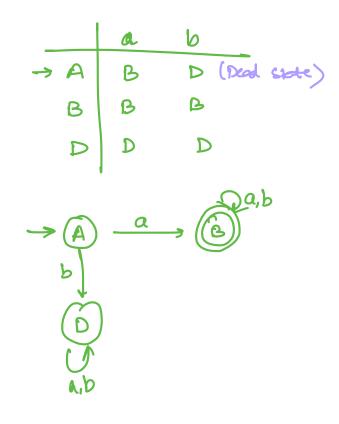


Conversion of NFA:

Both NFA & DFA are eavoury provide By default DFA is NFA. But NFA is not DFA

I state Transition

Stake Transtoni
$$\rightarrow A$$
 B ϕ
Table $\rightarrow B$ B B



leg: NFA Ends with a

DFA

NFA ST.T.

Eq: NFA: 2nd Symbol from lys is 'a'

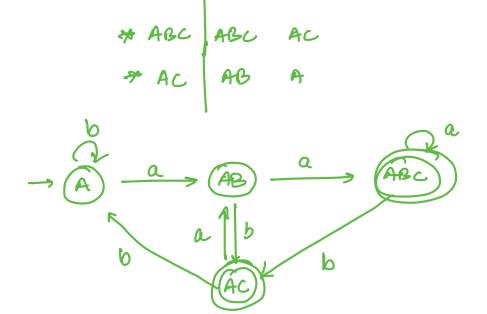
$$(NFA) \longrightarrow A \xrightarrow{a,b} B \xrightarrow{a} C ?^{a,b}$$

$$\begin{array}{c|c}
\text{STT} \\
\text{OFA}
\end{array}$$

$$\begin{array}{c|c}
A & B & B \\
B & C & D \\
\text{**} C & C & C \\
D & D & D
\end{array}$$

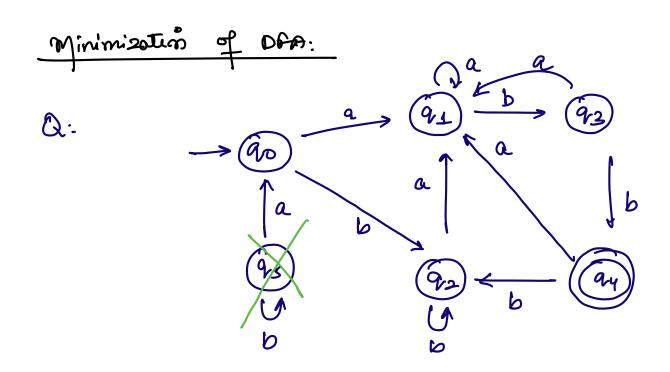


NEA		a	Ь
STT	→ A	AB	A
	В	C	C
	TA B	Φ	ф
		,	
oca -	1	a	<u>b_</u>
DFA STT	\rightarrow A	AR	A AC
	AB	AGO	C AC

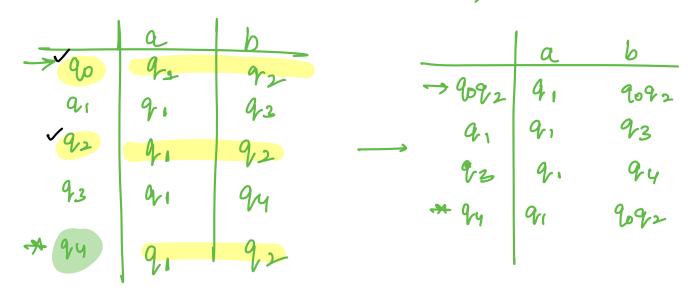


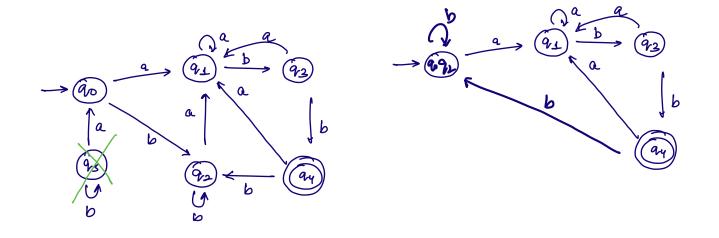
Eq: NFA: 3^{ab} Symbol from Pays is 'a' $\longrightarrow (A) \xrightarrow{a} (B) \xrightarrow{a,b} (C)$

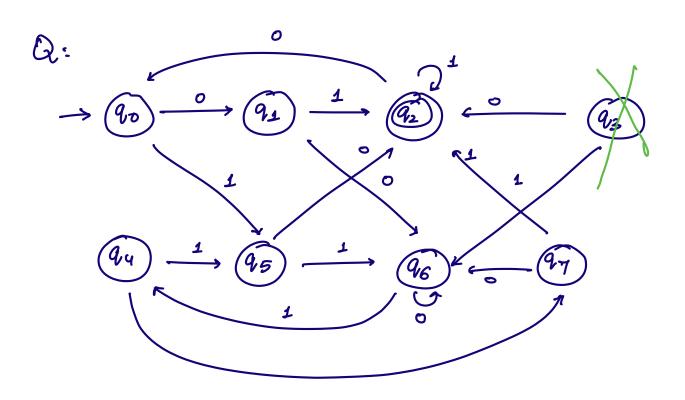
	a	b
\rightarrow A	AB	A
B	C	C
C	D	D
* D	ф	ф



1. Univerchable States remove (25 delete)







	O	1
→ 9 0	91	95
91	96	92*
* 92	90	92*
94	2-1	95
95	9 ₂ *	96
96	96	94
27	96	92*

9297

	0	1
-> qo	9197	95
9197	96	92*
* 92	20	92*
94	9197	95
95	9°2 *	96
96	96	94

Gogy

	0	1
-> 90 gy	9197	95
9197	96	9 ₂ *
× 92	2094	9 ₂ *
95	92 *	96
96	96	9094