# NFA-DFA Conversion Example-1

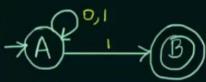
```
L = { Set of all strings over (0,1) that ends with '1' }
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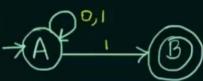






L = { Set of all strings over (0,1) that ends with '1' }



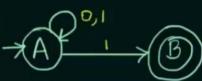


DFA

AB-Single State

L = { Set of all strings over (0,1) that ends with '1' }

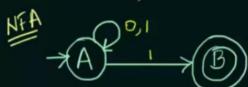


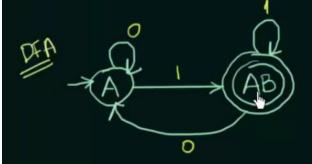


DEF

AB-Single State

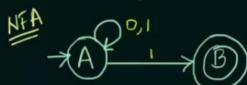
L = { Set of all strings over (0,1) that ends with '1' }



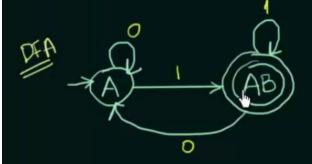


AB- Single State

L = { Set of all strings over (0,1) that ends with '1' }



	0	1
A	{A}	{A,B}
B	Φ	φ



AB- Single State

L = { Set of all strings over (0,1) that ends with '1' }

NFA A PO, I

	0	1
A	{A}	{A, B}
B	Ф	φ

Subset construction method

AB- Single State

• Questions????