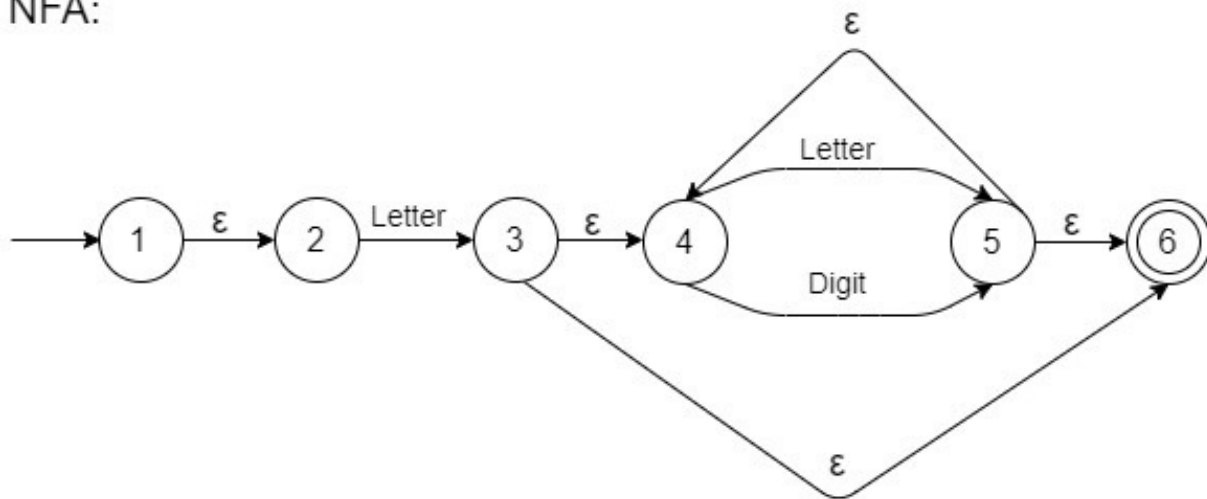


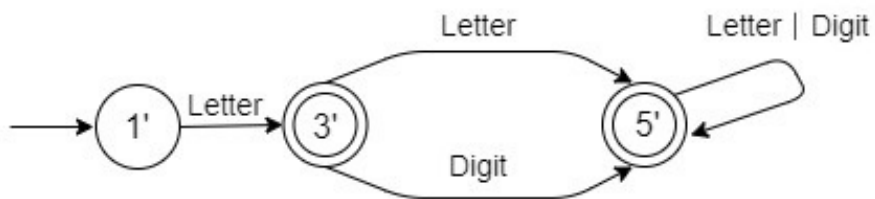
# Identifier

RE = Letter (Letter | Digit)\*

NFA:



DFA:

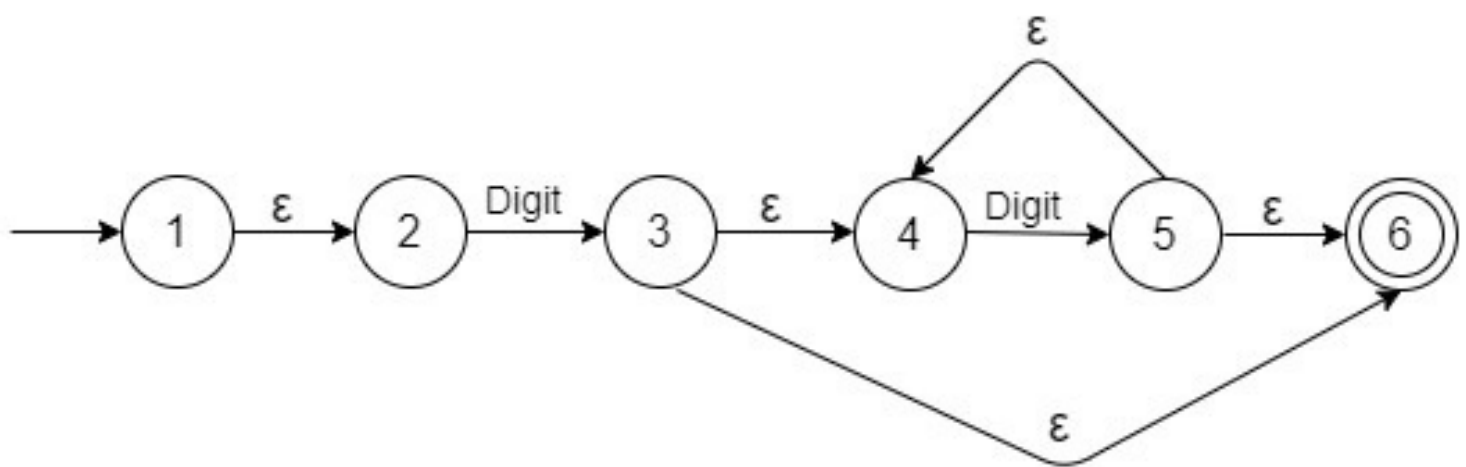


Transition Table		
	Letter	Digit
1'	3'	
3'	5'	5'
5'	5'	5'

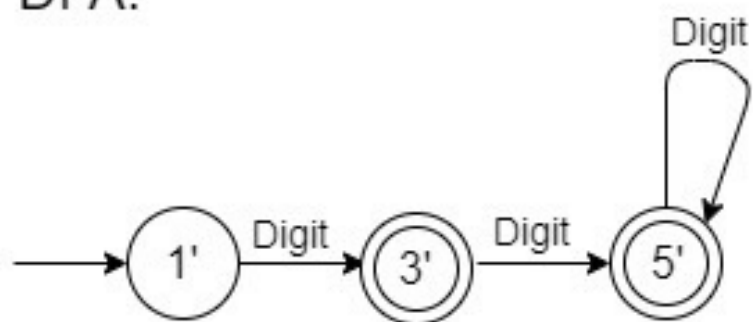
# Numbers

RE = Digit (Digit)\*

NFA:



DFA:

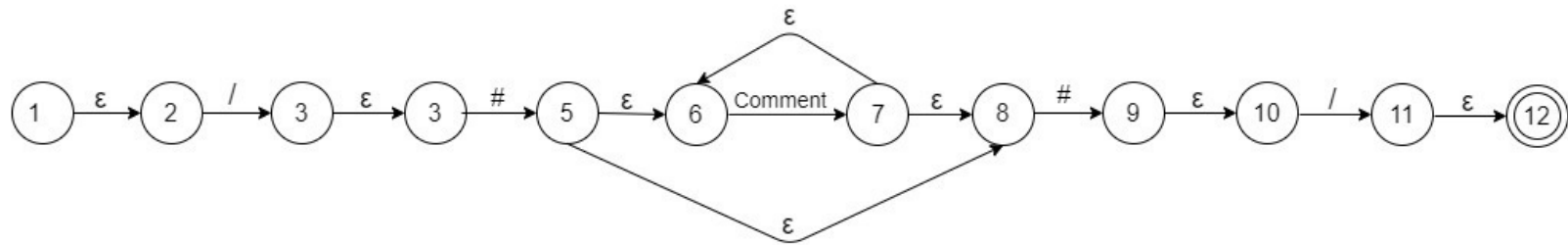


Transition Table	
	Digit
1'	3'
3'	5'
5'	5'

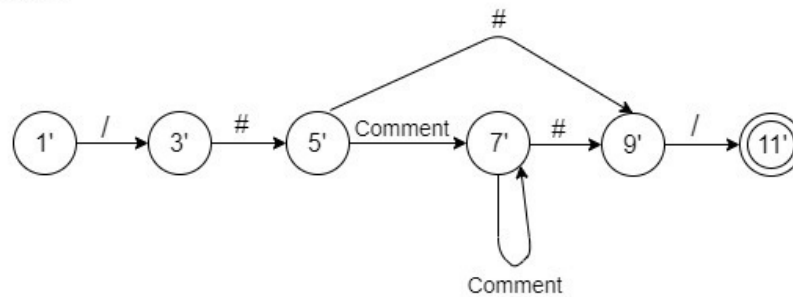
## Multiple Line Comment

RE = `/# (Comment)* #/`

NFA:



DFA:

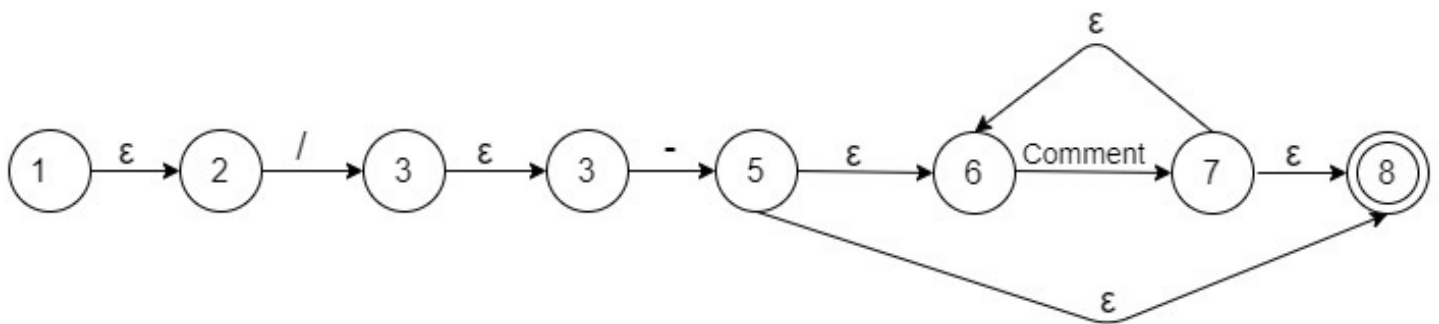


Transition Table			
	<code>/</code>	<code>#</code>	<code>Comment</code>
1'	3'		
3'		5'	
5'		9'	7'
7'		9'	7'
9'	11'		
11'	-	-	-

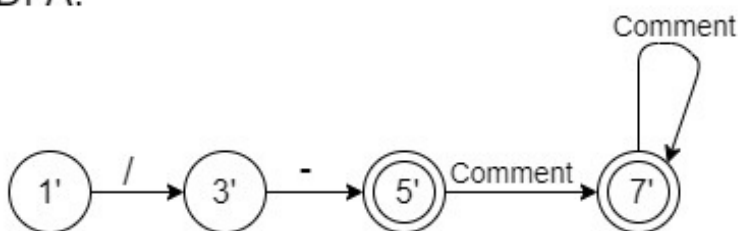
## Single Line Comment

RE =  $/- (\text{Comment})^*$

NFA:



DFA:

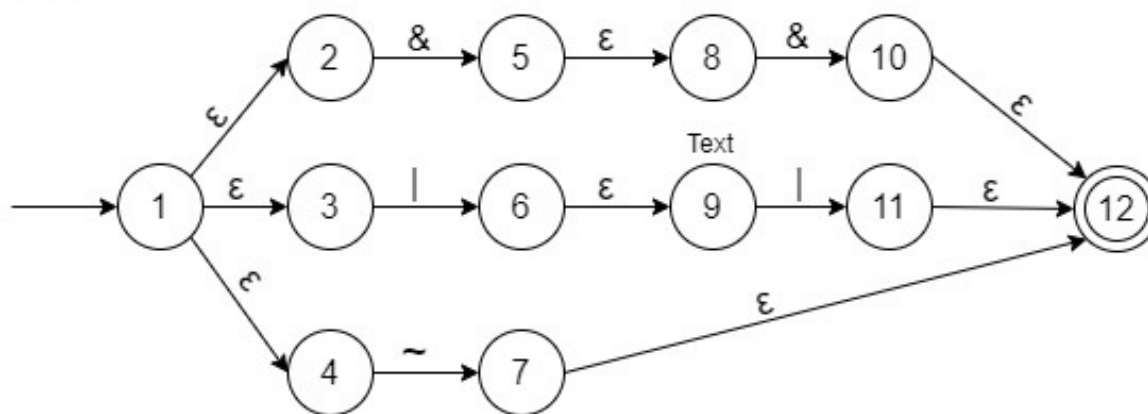


Transition Table			
	$/$	$-$	$\text{Comment}$
1'	3'		
3'		5'	
5'			7'
7'			7'

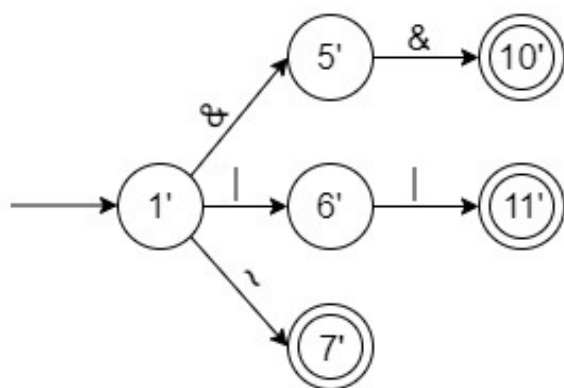
# Logical Operators

RE = [&& | || | ~]

NFA:



DFA:

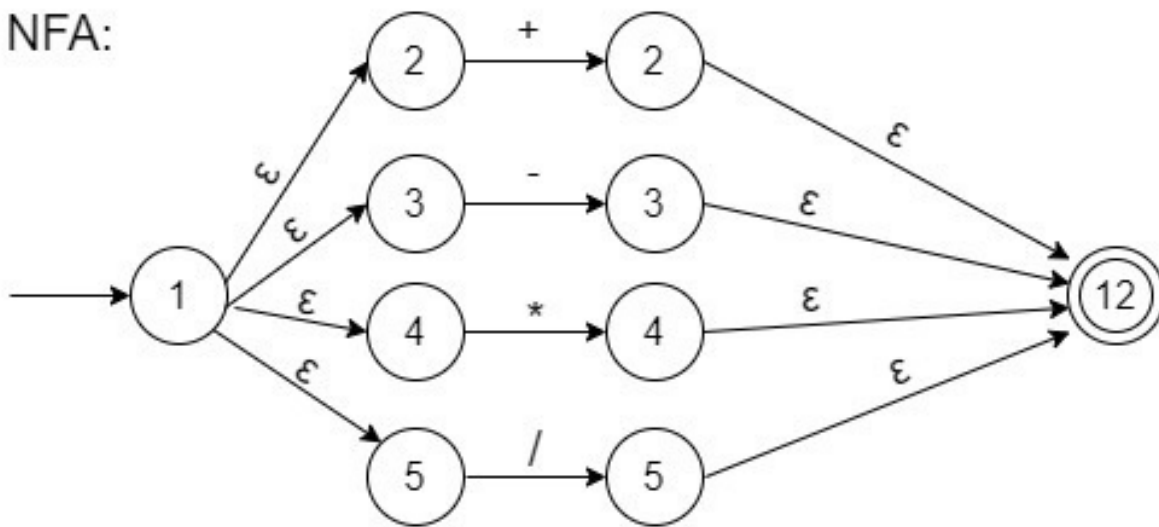


Transition Table			
	&		~
1'	5'	6'	7'
5'	10'		
6'		11'	
7'	-	-	-
10'	-	-	-
11'	-	-	-

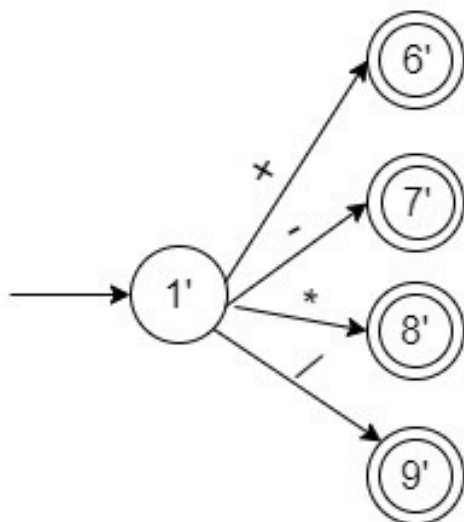
# Arithmetic Operators

RE =  $[+ | - | / | *]$

NFA:



DFA:



Transition Table

	+	-	*	/
1'	6'	7'	8'	9'
6'	-	-	-	-
7'	-	-	-	-
8'	-	-	-	-
9'	-	-	-	-