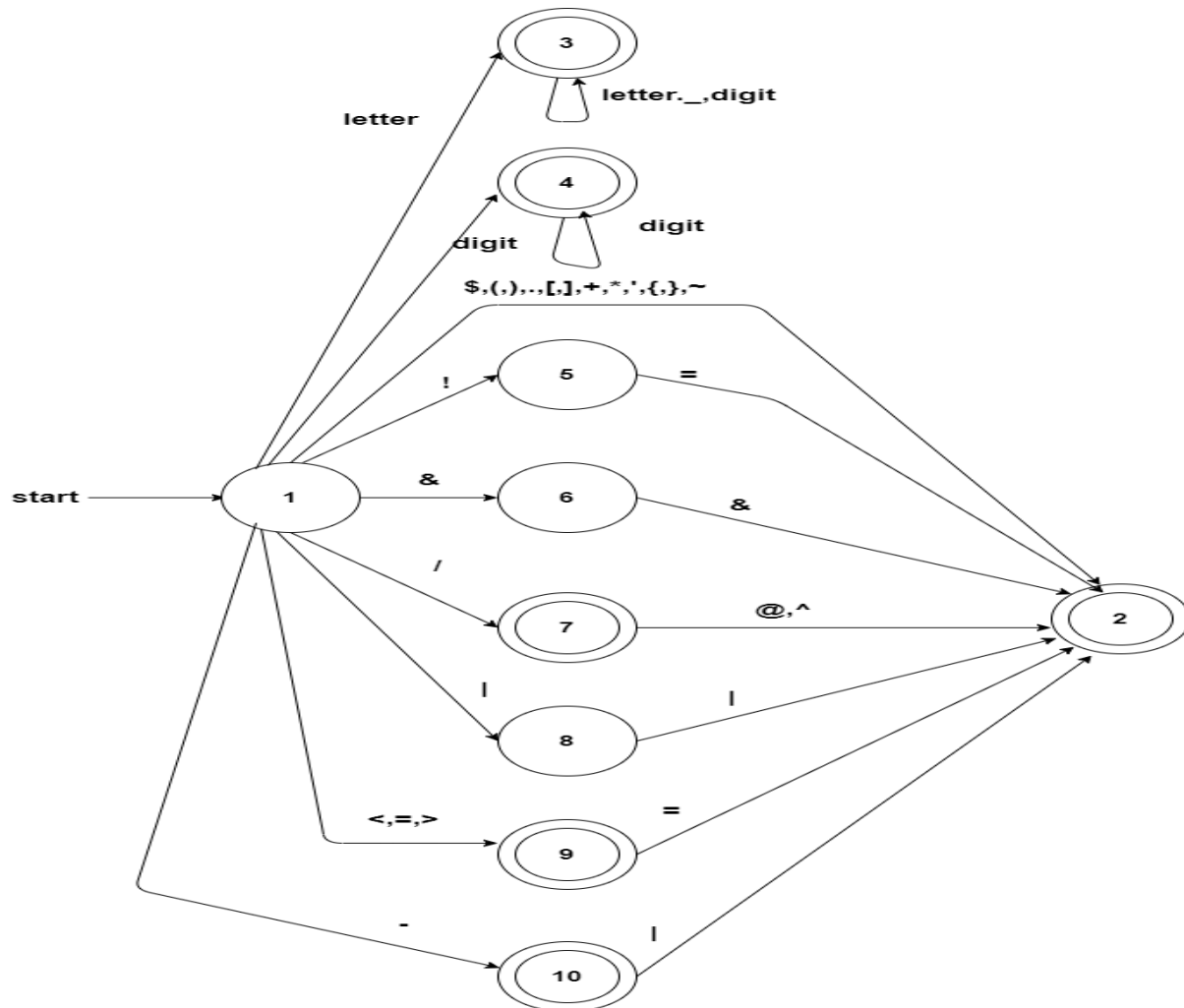


## Compiler#1

Regular expression :

$(\text{letter}(\text{letter}|\text{digit}|\_)* ) | (\text{digit}(\text{digit})* ) | (<|>|=)(=|\epsilon) |$   
 $!= | \&\& | || | \sim | \{ | \} | [ | ] | ( | ) | + | * | . | \$ | ' |$   
 $-(> | \epsilon) | /(^|@ | \epsilon)$

Minimized dfa:



Transition table :

stat e	type	!	\$(,),.,[.],+,*;', {,},~	&		<,,=, >	=	>	@, ^	L	L,_, d	d	-	/
1		5	2	6	8	9				3		4	1 0	9
2	Accep t													
3	Accep t										3			
4	Accep t											4		
5							2							
6				2										
7	Accep t								2					
8					2									
9	Accep t						2							
10	accec pt							2						