1. (a*|b*)c

AFN:

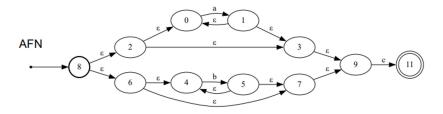


Tabla transiciones AFN:

Estado	ε	a	b	c
0	-	[1]	i -	i - i
1	[0, 3]	ļ -	-	-
2	[0, 3]	-	-	-
3	[9]	ļ -	-	-
4	-	-	[5]	-
5	[4, 7]	-	-	-
6	[4, 7]	ļ -	-	-
7	[9]	ļ -	-	-
8	[2, 6]			-
9	-	-	-	[11]
11	-	-	-	-

AFD:

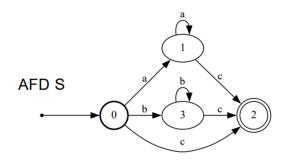
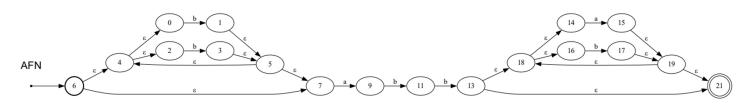


Tabla Transiciones AFD:

Estado	a	b	c
0	[1]	[3]	[2]
1	[1]	-	[2]
2	ĺ -	j -	-
3	j -	[3]	[2]

2. (b|b)*abb(a|b)*

AFN:



Гabla de transiciones AFN:				
Estado	ε	b	a	,I
	! I	+ 	+ I	
0		[1]		l
		[±] 		i
1	[5]	j -	j -	i
2	-	[3]	-	!
	[5]			
	[2]	- 	- 	
4	[0, 2]	-	-	i
		i	i	i _
	[4, 7]	i		[_
				!
6	[4, 7]	-	-	!
7			[0]	!
/	-	-	[9]	ļ
9	_	[11]	-	l
				i
11	-	[13]	j -	İ
				ļ
13	[18, 21]	-	-	!
				!
14	-	-	[15]	
15	 [19]			
	[12] 			_
16	-	[17]	-	i
		i		İ
17	[19]	-		<u> </u>
18	[14, 16]	-	-	
19	 [18, 21]			
	[18, Z1] 	-	- 	
21	-	-	-	

AFD:

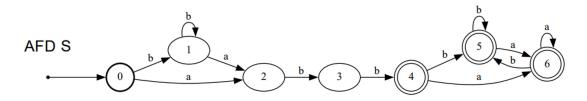


Tabla de transiciones AFD:

Estado	b	a
	i	i i
0	[1]	[2]
	j	j j
1	[[1]	[2] j
2	[3]	j - j
3	[4]	j - j
4	[5]	[6]
5	[5]	[6]
6	[5]	[6]

3. (a|ε)b(a+)c?

AFN:

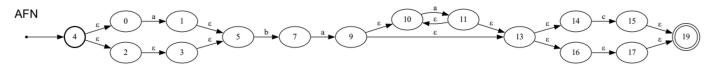
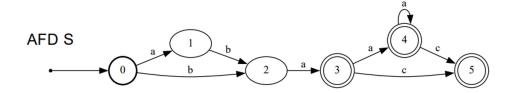
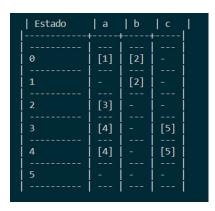


Tabla de transiciones AFN:

Estado	ε	a	b	c
				i i
0	-	[1]	-	-
1	[5]			
İ		İ		
2	[3]	-	-	-
3	[5]		-	
i		j		i i
4	[0, 2]	-	-	-
5			 [7]	
		- 	[[/]	
7	-	[9]	-	i - i
9	[10, 13]	-	-	-
10	-	 [11]		
		i		i i
11	[10, 13]	ļ -	-	-
13	[14 , 16]			
14	-	i -	-	[15]
45				
15	[19]		-	-
16	[17]	i	-	- _
j		i		
17	[19]	-	-	-
19				
13		I -	_	I I

AFD:





4. (a|b)*a(a|b)(a|b)

AFN:

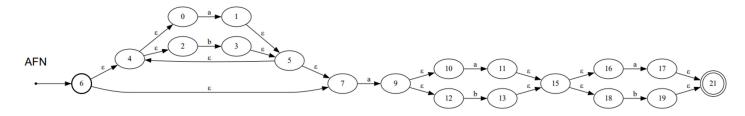


Tabla de transiciones AFN:

Estado	ε	a	b
0	-	[1]	-
1	 [5]		
1	[2] 	- 	-
2	i -	-	[3]
	į		
	[5]	-	-
4	 [0, 2]		
4	[v, z]		
5	[4, 7]	-	i - i
6	[4, 7]	-	-
7		 [9]	
'	- 	 [a]	
9	[10, 12]	-	i - i
	j' 1		
10	ļ -	[11]	ļ - ļ
11			
11	[15]		
12	i -	-	[13]
			i' j
13	[15]	-	ļ - ļ
15			
15	[16, 18]	-	-
16	i -	[17]	-
			i i
17	[21]	-	-
10			[10]
18			[19]
19	[21]	-	-
21	-	-	[- [

AFD:

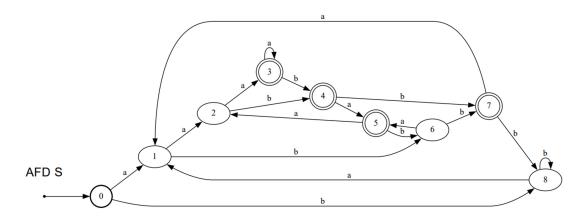


Tabla de transiciones AFD:

Estado	a	b	ı
		l	
0	[1]	[8]	
1	[2]	[6]	
		i	
2	[3]	[4]	
3	[3]	[4]	
4	[5]	[7]	
5	[2]	[6]	
6	[5]	[7]	
7	[1]	[8]	
8	[1]	[8]	