Regex used

$$
\begin{aligned}
R = &(25(0|1|2|3|4|5))|((((2(0|1|2|3|4|5))|(1(0|1|2|3|4|5|6|7|8|9))|(1|2|3|4|5|6|7|8|9))|\epsilon)(0|1|2|3|4|5|6|7|8|9)).\\
&(25(0|1|2|3|4|5))|((((2(0|1|2|3|4|5))|(1(0|1|2|3|4|5|6|7|8|9))|(1|2|3|4|5|6|7|8|9))|\epsilon)(0|1|2|3|4|5|6|7|8|9)).\\
&(25(0|1|2|3|4|5))|((((2(0|1|2|3|4|5))|(1(0|1|2|3|4|5|6|7|8|9))|(1|2|3|4|5|6|7|8|9))|\epsilon)(0|1|2|3|4|5|6|7|8|9)).\\
&(25(0|1|2|3|4|5))|((((2(0|1|2|3|4|5))|(1(0|1|2|3|4|5|6|7|8|9))|(1|2|3|4|5|6|7|8|9))|\epsilon)(0|1|2|3|4|5|6|7|8|9))
\end{aligned}
\tag{1}
$$

$NFA - \epsilon$

For simplicity, only the first part will be translated, the other two are similar. Only the last part will change in the last state, when the accept state is reached without the dot (.).

To join all the parts, the concatenation operator is used.

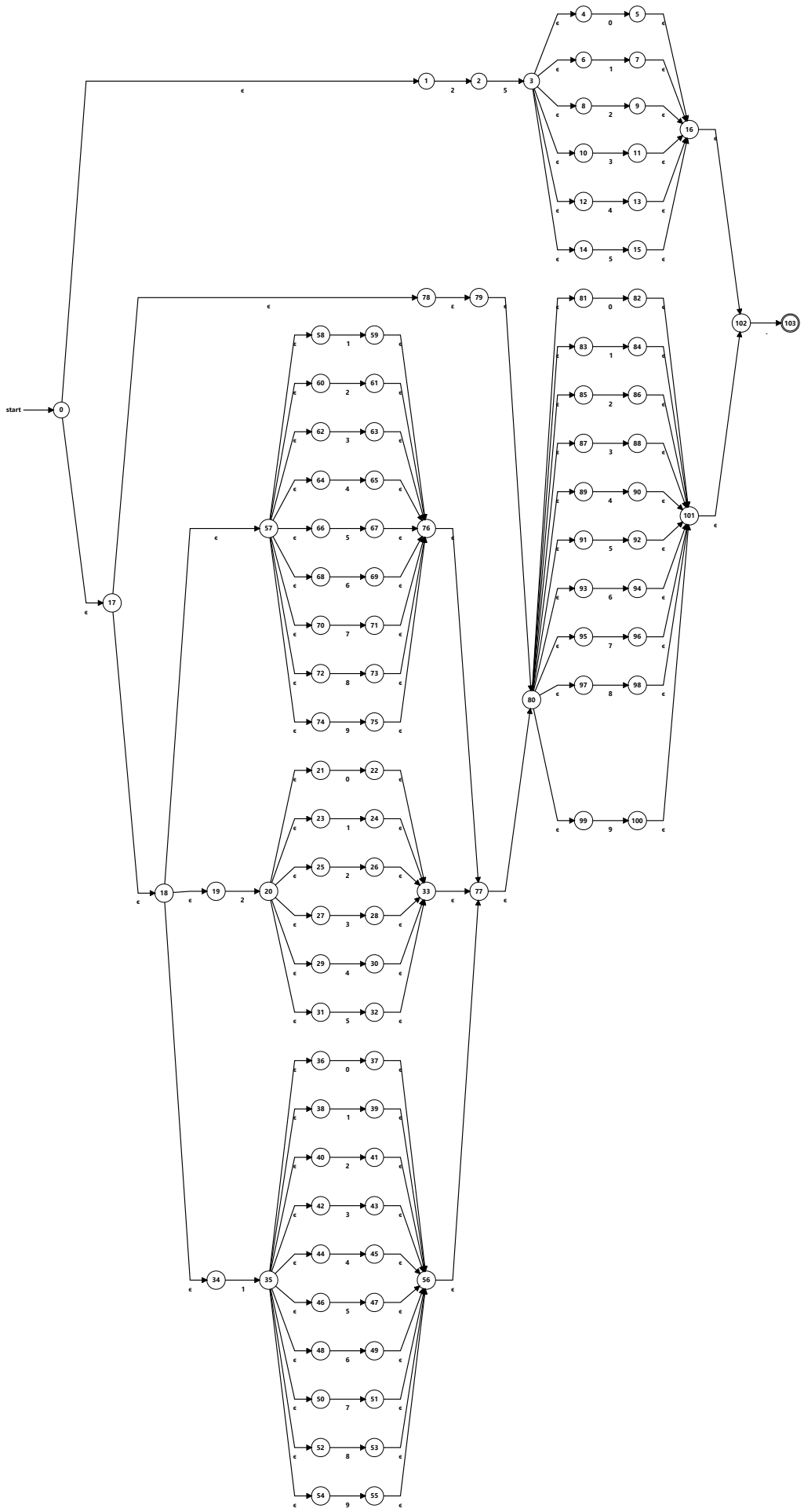

Figure 1: First part of the regex

DFA

NFA STATE	DFA STATE	TYPE	.	0	1	2	3	4	5	6	7	8	9	ϵ
$\{0, 1, 17, 18, 19, 34, 57, 58, 60, 62, 64, 66, 68, 70, 72, 74, 78\}$	A				B	C	D	E	F	G	H	I	J	K
$\{35, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 59, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	B			L	M	N	O	P	Q	R	S	T	U	
$\{2, 20, 21, 23, 25, 27, 29, 31, 61, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	C			V	W	X	Y	Z	AA	AB	AC	AD	AE	
$\{63, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	D			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{67, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	F			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{65, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	E			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{69, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	G			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{71, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	H			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{73, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	I			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{75, 76, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	J			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{79, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99\}$	K			AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{39, 56, 77, 80, 81, 83, 84, 85, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	M		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{41, 56, 77, 80, 81, 83, 85, 86, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	N		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{43, 56, 77, 80, 81, 83, 85, 87, 88, 89, 91, 93, 95, 97, 99, 101, 102\}$	O		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{45, 56, 77, 80, 81, 83, 85, 87, 89, 90, 91, 93, 95, 97, 99, 101, 102\}$	P		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{47, 56, 77, 80, 81, 83, 85, 87, 89, 91, 92, 93, 95, 97, 99, 101, 102\}$	Q		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{49, 56, 77, 80, 81, 83, 85, 87, 89, 91, 93, 94, 95, 97, 99, 101, 102\}$	R		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{37, 56, 77, 80, 81, 82, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	L		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{51, 56, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 96, 97, 99, 101, 102\}$	S		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{53, 56, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 98, 99, 101, 102\}$	T		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{55, 56, 77, 80, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 100, 101, 102\}$	U		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{22, 33, 77, 80, 81, 82, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	V		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{24, 33, 77, 80, 81, 83, 84, 85, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	W		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{26, 33, 77, 80, 81, 83, 85, 86, 87, 89, 91, 93, 95, 97, 99, 101, 102\}$	X		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{28, 33, 77, 80, 81, 83, 85, 87, 88, 89, 91, 93, 95, 97, 99, 101, 102\}$	Y		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{30, 33, 77, 80, 81, 83, 85, 87, 89, 90, 91, 93, 95, 97, 99, 101, 102\}$	Z		AL	AF	AG	AH	AI	AJ	AK	AB	AC	AD	AE	
$\{3, 4, 6, 8, 10, 12, 14, 32, 33, 77, 80, 81, 83, 85, 87, 89, 91, 92, 93, 95, 97, 99, 101, 102\}$	AA		AL	AM	AN	AO	AP	AQ	AR	AB	AC	AD	AE	
$\{94, 101, 102\}$	AB		AL											
$\{96, 101, 102\}$	AC		AL											
$\{98, 101, 102\}$	AD		AL											
$\{100, 101, 102\}$	AE		AL											
$\{82, 101, 102\}$	AF		AL											
$\{84, 101, 102\}$	AG		AL											
$\{86, 101, 102\}$	AH		AL											
$\{88, 101, 102\}$	AI		AL											
$\{90, 101, 102\}$	AJ		AL											
$\{92, 101, 102\}$	AK		AL											
$\{103\}$	AL	accept												
$\{5, 16, 82, 101, 102\}$	AM		AL											
$\{7, 16, 84, 101, 102\}$	AN		AL											
$\{9, 16, 86, 101, 102\}$	AO		AL											
$\{11, 16, 88, 101, 102\}$	AP		AL											
$\{13, 16, 90, 101, 102\}$	AQ		AL											
$\{15, 16, 92, 101, 102\}$	AR		AL											

$Min - DFA$

DFA STATE	Min-DFA STATE	TYPE	.	0,1,2,3,4,5	0,1,2,3,4,5,6,7,8,9	1	2	3,4,5,6,7,8,9,ϵ	6,7,8,9
$\{A\}$	1					5	6	7	
$\{AA, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z\}$	2		4		3				
$\{AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AM, AN, AO, AP, AQ, AR\}$	3		4		3				
$\{AL\}$	4	accept							
$\{B\}$	5				2				
$\{C\}$	6		2						3
$\{D, E, F, G, H, I, J, K\}$	7				3				

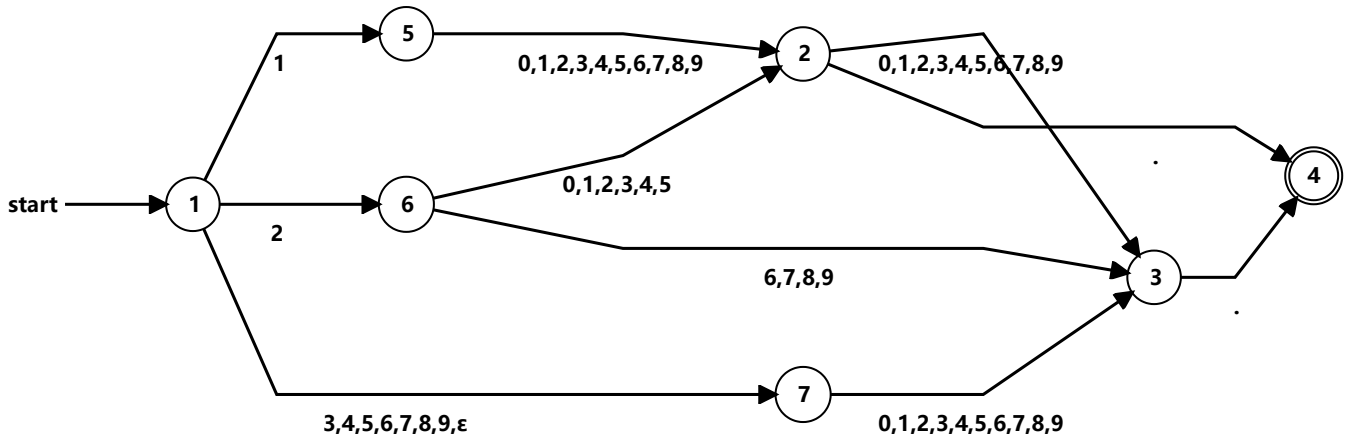

Figure 2: Min-DFA

Full Min-DFA

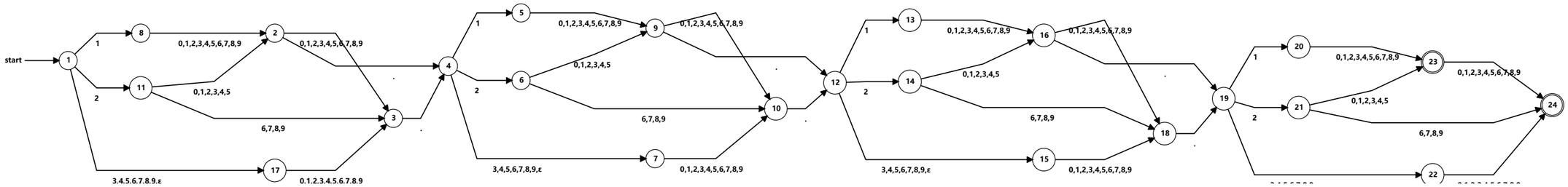

Figure 3: Full Min-DFA