Input

0 A-Z
a-z

1 0-9

2 ␣/t/r/n

3 .

4 (

5)

6 * / + -

8 ;

7 =

Aktion

0 Nichts

1 Store ~~to~~ char in Token ~~[illegible]~~

2 Save Token as Func

3 Save Token as Var

~~Store Char in Token~~

4 Save Token as Constant

5 Save Token as Op

6 Save Token as Assign

7 Save Token as Bracket

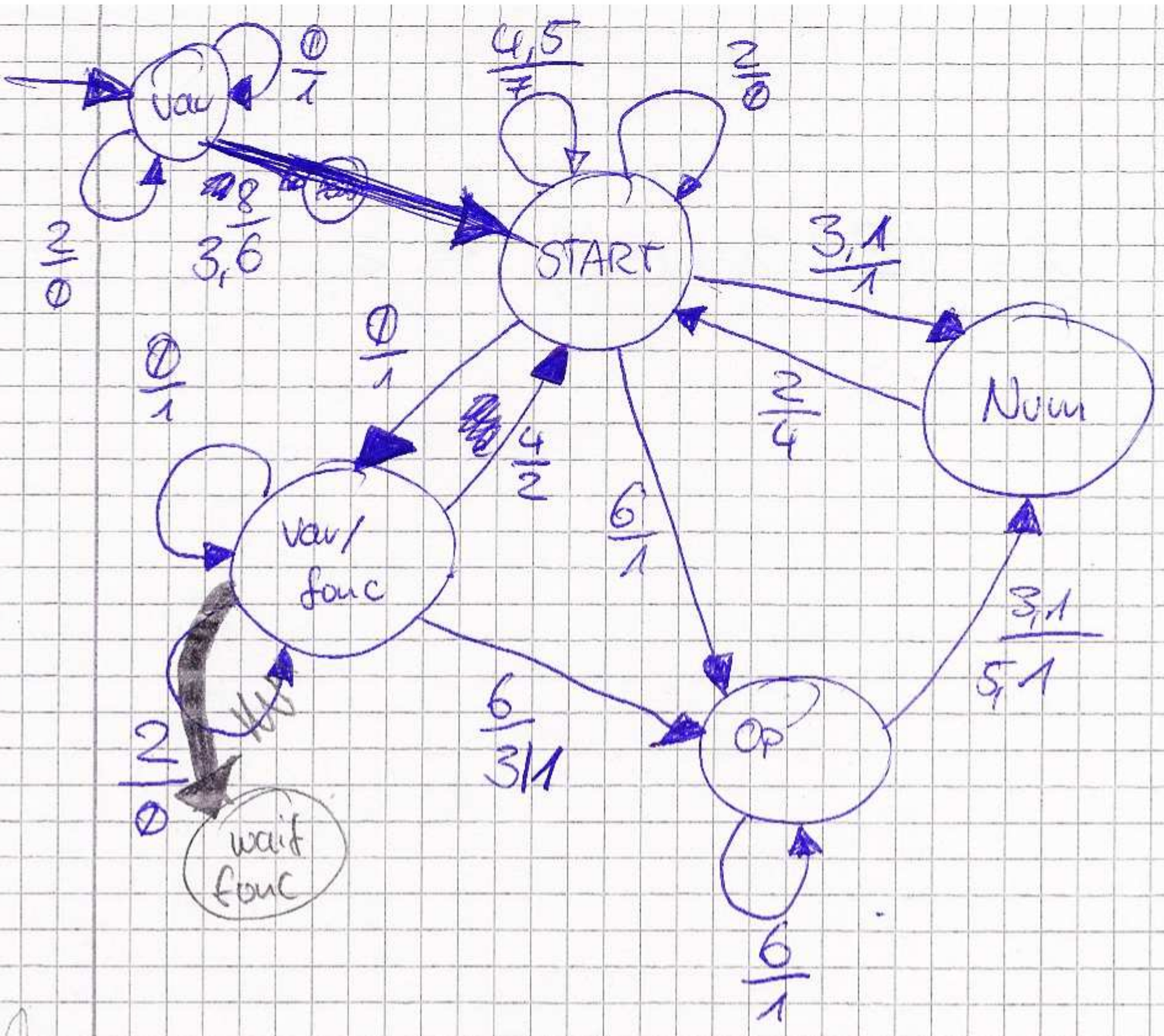
8 Save Token as End Statement

9 Save Token as Comma

OpCodes

LDC	LOAD	Constant	(double)	PUSH 1	
LDV	LOAD	Variable	(size_t)	PUSH 1	
CALL	CALL	Fonction	(size_t)	POP x	PUSH 1
ADD	ADD			POP 2	PUSH 1
SUB	SUB			POP 2	PUSH 1
MUL	MUL			POP 2	PUSH 1
DIV	DIV			POP 2	PUSH 1
NEG	NEG			POP 1	PUSH 1
SVV	SAVE	Variable	(size_t)	POP 1	
DBL	DOUBLE			POP 1	PUSH 2

64 =



- Anschliessend Durchlaufen durch Token Liste
  - Klammer Tiefe berechnen
  - Negativ Operator mit Constante zusammen fügen
  - Funktionsnamen prüfen (Index merken)
  - Variablen erstellen (Index merken)
  - Prüfen ob variable + assign am Anfang steht

		0 Assign	1 Eval	2 var/func	3 wait func	4 OP	5 num
_ A-Z a-z	0	0 1	2 1	2 1	∈	2 10 5,1	∈
0-9	1	∈	5 1	2 1	∈	5 10 5,1	5 1
u/t/n/r	2	0 0	1 0	3 0	3 0	1 5	1 4
.	3	∈	5 1	∈	∈	5 10 5,1	5 1
(	4	∈	1 11 1,7	1 12 2,1,7	1 12 2,1,7	1 13 5,1,7	∈
)	5	∈	1 11 1,7	1 14 3,1,7	1 14 3,1,7	1 13 5,1,7	1 15 4,1,7
*/+-	6	∈	4 1	4 16 3,1	4 16 3,1	4 1	4 19 4,1
=	7	1 6	∈	∈	∈	∈	∈
;	8	∈	0 17 1,8	0 18 3,1,8	0 18 3,1,8	∈	0 20 4,1,8
,	9	∈	1 21 1,9	1 22 3,1,9	∈	∈	23 4,1,9

1,7 zusammenfassen?

1,8 zusammenfassen?