

Rule 1: Pgm = kwdprog brace1 Slist brace2
Rule 2: Slist = Stmt semi Slist
Rule 3: Slist = eps
Rule 4: Stmt = S_Out
Rule 5: Stmt = id equal Y1
Rule 6: S_Out = kwdprint paren1 Elist paren2
Rule 7: Y1 = E
Rule 8: Y1 = kwinput

Rule 9: Elist = E Elist2
Rule 10: Elist = eps
Rule 11: Elist2 = comma Elist
Rule 12: E = T X1
Rule 13: X1 = Opadd T X1
Rule 14: X1 = eps

Rule 15: T = F X2
Rule 16: X2 = Opmul F X2
Rule 17: X2 = eps
Rule 18: F = Fatom
Rule 19: F = paren1 E paren2
Rule 20: Fatom = id
Rule 21: Fatom = int
Rule 22: Fatom = float
Rule 23: Fatom = string
Rule 24: Opadd = plus
Rule 25: Opadd = minus
Rule 26: Opmul = aster
Rule 27: Opmul = slash
Rule 28: Opmul = caret

A1-Matrix	kwdprog	kwdprint	kwinput	id	int	float	string	paren1	paren2	comma	minus	plus	aster	slash	caret	semi	brace1	brace2	\$
Pgm	Rule 1																		
Slist		Rule 2		Rule 2														Rule 3	
Stmt		Rule 4		Rule 5															
S_Out			Rule 6																
Y1			Rule 8	Rule 7	Rule 7	Rule 7	Rule 7	Rule 7											
Elist				Rule 9	Rule 9	Rule 9	Rule 9	Rule 9	Rule 10										
Elist2										Rule 11									
E				Rule 12	Rule 12	Rule 12	Rule 12	Rule 12											
X1									Rule 14	Rule 14	Rule 13	Rule 13				Rule 14			
T				Rule 15	Rule 15	Rule 15	Rule 15	Rule 15											
X2									Rule 17	Rule 17	Rule 17	Rule 17	Rule 16	Rule 16	Rule 16	Rule 17			
F				Rule 18	Rule 18	Rule 18	Rule 18	Rule 19											
Fatom				Rule 20	Rule 21	Rule 22	Rule 23												
Opadd											Rule 25	Rule 24							
Opmul													Rule 26	Rule 27	Rule 28				