文法

S	S'	P	P'	E	E'	M	K	K'	T	T'	F
S->E;S'	S'->E;S'	P->MP'	P'->,MP'	E->ME'	E'->,ME'	M->K	K->TK'	K'->+TK'	T->FT'	T'->*FT'	F->Num
S->	S'->	P->	P'->		E'->	M->K? K:K		K'->-TK'		T'->/FT'	F->Str
								K'->		T'->	F->(E)
											F->Iden
											F->Iden(P)

First集、Follow集、Nullable

	Nullable	First	Follow
S	true	Num Str (Iden	
S'	true	Num Str (Iden	
P	true	Num Str (Iden	)
P'	true	,	)
E	false	Num Str (Iden	;)
E'	true	,	;)
M	false	Num Str (Iden	, ;)
K	false	Num Str (Iden	? : , ;)
K'	true	+ -	? : , ;)
T	false	Num Str (Iden	+ - ? : , ;)
T'	true	* /	+ - ? : , ;)
F	false	Num Str (Iden	* / + - ? : , ;)

预测分析器

	+	-	*	/	;	?	:	Num	Str	Iden	(	)	,	empty
S								S->E;S'	S->E;S'	S->E;S'	S->E;S'			end
S'								S'->E;S'	S'->E;S'	S'->E;S'	S'->E;S'			end
E								E->ME'	E->ME'	E->ME'	E->ME'			
E'					E'->							E'->	E'->,ME'	
M								M->K M->K? K:K	M->K M->K? K:K	M->K M->K? K:K	M->K M->K? K:K			
K								K->TK'	K->TK'	K->TK'	K->TK'			
K'	K'->+TK'	K'->-TK'			K'->	K'->	K'->					K'->	K'->	
T								T->FT'	T->FT'	T->FT'	T->FT'			
T'	T'->	T'->	T'->*FT'	T'->/FT'	T'->	T'->	T'->					T'->	T'->	
F								F->Num	F->Str	F->Iden F->Iden(P)	F->(E)			
P								P->MP'	P->MP'	P->MP'	P->MP'	P->		
P'												P'->	P'->,MP'	

抽象语法