

Σεινταρίδης Δημήτριος
AM 1115201100197

ΠΡΩΤΗ ΑΣΚΗΣΗ ΜΕΤΑΓΛΩΤΙΣΣΤΕΣ

PART 1

goal \rightarrow expr
expr \rightarrow term expr2
expr2 \rightarrow + term expr2
| - term expr2
| ϵ
term \rightarrow factor term2
term2 \rightarrow * factor term 2
| / factor term 2
| ϵ
factor \rightarrow 0 ... 9
| (expr

FOLLOW(goal) = { \$ }
FOLLOW(epxr) = {) , \$ }
FOLLOW(epxr2) = {) , \$ }
FOLLOW(term) = { + , - ,) , \$ }
FOLLOW(term2) = { + , - ,) , \$ }
FOLLOW(factor) = { * , / , + , - ,) , \$ }

FIRST+(goal) = { 0...9, (}
FIRST+(expr) = { 0...9, (}
FIRST+(expr2) = { + , - ,) , \$ }
FIRST+(term) = { 0...9, (}
FIRST+(term2) = { * , / , + , - ,) , \$ }
FIRST+(factor) = { 0...9, (}

	0..9	+	-	*	/	()	EOF
goal	expr	error	error	error	error	expr	error	error
expr	term expr2	error	error	error	error	term expr2	error	error
expr2	error	+ term expr2	-term expr2	error	error	error	ϵ	ϵ
term	factor term2	error	error	error	error	factor term2	error	error
term2	error	ϵ	ϵ	* factor term2	/ factor term2	error	ϵ	ϵ
factor	0..9	error	error	error	error	(expr)	error	error