```
<exp> ::= <exp> <addop> <term> | <term>
<addop> ::= + | -
<term> ::= <term> <mulop> <factor> | <factor>
<mulop> ::= *
<factor> ::= ( <exp> ) | num
Step 0: remove left recursion
<exp> ::=
<expx> ::=
<addop> ::=
<term> ::=
<termx> ::=
<mulop> ::=
<factor> ::=
```

STEP 1: REMOVE ALTERNATIONS '|' (accept for some terminals) and list the terminals and nonterminals. This is done for clarity

0) <start> ::= <exp> \$</exp></start>	STEP 2: COMPUTE THE FIRST SET
1) <exp> ::= <term> <expx> 2) <expx> ::= <addop> <term> <expx></expx></term></addop></expx></expx></term></exp>	<start></start>
3) <expx> ::= ε 4) <addop> ::= + -</addop></expx>	<exp></exp>
5) <term> ::= <factor> <termx> 6) <termx> ::= <mulop> <factor> <termx></termx></factor></mulop></termx></termx></factor></term>	<expx></expx>
7) <termx> ::= ε</termx>	<addop></addop>
8) <mulop> ::= * 9) <factor> ::= (<exp>)</exp></factor></mulop>	<term></term>
a) <factor> ::= num</factor>	<termx></termx>
	<mulop></mulop>
	<factor></factor>

STEP 3: COMPUTE THE FOLLOW SET.

0) <start> ::= <exp> \$

1) <exp> ::= <term> <expx>

2) <expx> ::= <addop> <term> <expx>

3) <expx $> := \epsilon$

5) <term> ::= <factor> <termx>

6) <termx> ::= <mulop> <factor> <termx>

7) <termx> ::= ε

9) <factor> ::= (<exp>)

	First	prod 0&1	prod 2	prod 5	prod 6	prod 9
<start></start>	(,num					
<exp></exp>	(,num					
<expx></expx>	+,-,ε					
<addop></addop>	+,-					
<term></term>	(,num					
<termx></termx>	*,ε					
<mulop></mulop>	*					
<factor></factor>	(,num					

	The First Set	The follow Set
<start></start>	(,num	
<exp></exp>	(,num	\$,)
<expx></expx>	+,-,ε	\$,)
<addop></addop>	+,-	(,num
<term></term>	(,num	+,-,\$,)
<termx></termx>	*,ε	+,-,\$,)
<mulop></mulop>	*	(,num
<factor></factor>	(,num	*,+,-,\$,)

Step 4. Compute the predict sets.

1) <exp> ::= <term> <expx></expx></term></exp>
2) <expx> ::= <addop> <term> <expx></expx></term></addop></expx>
3) <expx> ::= ε</expx>
4) <addop> ::= + -</addop>
5) <term> ::= <factor> <termx></termx></factor></term>
6) <termx> ::= <mulop> <factor> <termx></termx></factor></mulop></termx>
7) <termx> ::= ε</termx>
8) <mulop> ::= *</mulop>
9) <factor> ::= (<exp>)</exp></factor>
a) <factor> ::= num</factor>

STEP 5. Create M(NONTERMS, TERMS)

	\$ +	-	*	()	num
<exp></exp>						
<expx></expx>						
<addop></addop>						
\audop>						
<term></term>						
<termx></termx>						
<mulop></mulop>						
<factor></factor>						