

The Original given grammar		
<prog>	->	program <identifier> ; var <dec-list> begin <stat-list> end.
<identifier>	->	<letter>{<letter> <digit>}
<dec-list>	->	<dec> : <type> ;
<dec>	->	<identifier> , <dec> <identifier>
<type>	->	integer
<stat-list>	->	<stat> <stat> <stat-list>
<stat>	->	<write> <assign>
<write>	->	display ("value", <identifier>) ; display (<identifier>) ;
<assign>	->	<identifier> = <expr> ;
<expr>	->	<expr> + <term> <expr> - <term> <term>
<term>	->	<term> * <factor> <term> / <factor> <factor>
<factor>	->	(<expr>)
<factor>	->	<identifier> <number>
<number>	->	<sign> <digit> {<digit>}
<sign>	->	+ - lamda
<digit>	->	0 1 2 3 4 5 6 7 8 9
<letter>	->	p q r s