

Remove all left recursions	
<prog>	-> program <identifier_start> ; var <dec-list> begin <stat-list> end.
<identifier_start>	-> <letter> <identifier_body>
<identifier_body>	-> <letter> <identifier_body>
<identifier_body>	-> <digit> <identifier_body>
<identifier_body>	-> lamda
<dec-list>	-> <dec> : <type> ;
<dec>	-> <identifier_start> , <dec>
<dec>	-> <identifier_start>
<type>	-> integer
<stat-list>	-> <stat>
<stat-list>	-> <stat> <stat-list>
<stat>	-> <write>
<stat>	-> <assign>
<write>	-> display ("value" , <identifier_start>) ;
<write>	-> display (<identifier_start>) ;
<assign>	-> <identifier_start> = <expr_term_factor_enter> ;
<expr_term_factor_enter>	-> <term_enter> <expr>
<expr>	-> + <term_enter> <expr>
<expr>	-> - <term_enter> <expr>
<expr>	-> lamda
<term_enter>	-> <factor> <term>
<term>	-> * <factor> <term>
<term>	-> /<factor> <term>
<term>	-> lamda
<factor>	-> (<expr_term_factor_enter>)
<factor>	-> <identifier_start>
<factor>	-> <number>
<number_start>	-> <sign> <digit> <number_body>
<number_body>	-> <digit> <number_body>
<number_body>	-> lamda
<sign>	-> +
<sign>	-> -
<sign>	-> lamda
<digit>	-> 0
<digit>	-> 1
<digit>	-> 2
<digit>	-> 3
<digit>	-> 4
<digit>	-> 5
<digit>	-> 6
<digit>	-> 7
<digit>	-> 8
<digit>	-> 9
<letter>	-> p
<letter>	-> q

<letter>	-> r
<letter>	-> s

Remove all Indeterminates	
<prog>	-> program <identifier_start> ; var <dec-list> begin <stat-list_enter> end.
<identifier_start>	-> <letter> <identifier_body>
<identifier_body>	-> <letter> <identifier_body>
<identifier_body>	-> <digit> <identifier_body>
<identifier_body>	-> lamda
<dec-list>	-> <dec_enter> : <type> ;
<dec_enter>	-> <identifier_start> <dec>
<dec>	-> , <dec_enter>
<dec>	-> lamda
<type>	-> integer
<stat-list_enter>	-> <stat> <stat-list>
<stat-list>	-> lamda
<stat-list>	-> <stat> <stat-list_enter>
<stat>	-> <write_enter>
<stat>	-> <assign>
<write_enter>	-> display (<write>
<write>	-> "value" , <identifier_start>) ;
<write>	-> <identifier_start>) ;
<assign>	-> <identifier_start> = <expr_term_factor_enter> ;
<expr_term_factor_enter>	-> <term_enter> <expr>
<expr>	-> + <term_enter> <expr>
<expr>	-> - <term_enter> <expr>
<expr>	-> lamda
<term_enter>	-> <factor> <term>
<term>	-> * <factor> <term>
<term>	-> /<factor> <term>
<term>	-> lamda
<factor>	-> (<expr_term_factor_enter>)
<factor>	-> <identifier_start>
<factor>	-> <number_start>
<number_start>	-> <sign> <digit> <number_body>
<number_body>	-> <digit> <number_body>
<number_body>	-> lamda
<sign>	-> +
<sign>	-> -
<sign>	-> lamda
<digit>	-> 0
<digit>	-> 1
<digit>	-> 2
<digit>	-> 3
<digit>	-> 4
<digit>	-> 5
<digit>	-> 6
<digit>	-> 7
<digit>	-> 8

<digit>	-> 9
<letter>	-> p
<letter>	-> q
<letter>	-> r
<letter>	-> s