BNF(V3)

- Start→[fun_c]”\n”S
- <fun_c>→’[‘ “\n”<fun_name>’(‘<arg_list>’)’ “\n” <stmt_queue>[R_N’(‘ <stmt>’)’]”\n” “EXIT_fun_c”~ ’]’~
- S→~$\n<stmt_queue>$~
- <stmt_queue> → <stmt>~”\n”<stmt_queue>
  |<stmt>~”\n”
- <stmt>→<mexp>|<lexp>|<if_st>|<loop_st>|<loop_c_st>|

  <dec>|<fun_call>
- <fun_call>→”[“<fun_name>”(“<arg_list>”)” “]”
- <fun_name>→{<key>}*//any combination of key
- <arg_list>→<id><arg_list>|<id>
- <dec>→<id>=<int>|<id>=<float>|<id>=<string>
- <mexp>→<id>=<term0>
- <term0>→<term0>+<term1>|
  <term0>-<term1>|<term1>
- <term1>→<term1>*<term2>|<term1>/<term2>|
  <term2>
- <term2>→<term3>^<term2>|<term3>
- <term3>→<fac> | (<mexp>)
- <lexp>→<lexp>OR<logic_exp1>|<logic_exp1>
- <logic_exp1>→<logic_exp1>AND<logic_exp2>|

<logic_exp2>

- <logic_exp2>→NOT<exp>|<exp>
- <exp>→<fac><lopt><fac>|TRUE|FALSE
- <if_st>→"[\n"IF(<lexp>)"\n"<stmt_queue>
  [\nREST_ALL"\n"<stmt_queue>] '']''
- <loop_st>→''[\n''CURL(S@<int>:E@<int>:G@<int>)''\n''
  <stmt_queue>'']''
- <loop_c_st>→"[\nCURL_C(S@<lexp>:E@<lexp>)"\n"<stmt_queue>"]"
- <lopt>=''==''|''<=''|''>=''|''<''|''>''
- <fac>→<id>|<const>
- <const>→<int>|<string>|<float>
- <float>→<int>.<int>
- <string>→'<key>'|"<key>"
- <id>→ <alpha>|<alpha><id>|<id><int>
- <alpha>→a|b|c----x|y|z|A|B|C----X|Y|X|"_"
- <digit>→0|1|2|3|4|5|6|7|8|9
- <key>→ascii code(32,33,34………………127)