BNF(V3)

```
\rightarrow Start \rightarrow [fun c]"\n"S
\rightarrow <fun c>\rightarrow'[' "\n"<fun name>'('<arg list>')' "\n"
  <stmt_queue>[R_N'(' <stmt>')']"\n" "EXIT_fun_c"~ ']'~
> S \rightarrow ^{\n< stmt} queue > $^{\n}
<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>
\rightarrow <mexp>\rightarrow<id>=<term0>
> <term0>→<term1>|
             <term0>-<term1>|<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
- > <loop_st> \rightarrow "[\n"CURL(S@<int>:E@<int>:G@<int>)"\n" <stmt queue>"]"
- ➤ <loop_c_st>→"[\nCURL_C(S@<lexp>:E@<lexp>)"\n"<stmt_q
 ueue>"]"
- > <lopt>="=="|"<="|">="|"<"|">>"
- > <fac> -> <id>| <const>
- <const> -> <int> | <string> | <float>
- > <float> <int>.<int>
- > <string> -> '<key>' | "<key>"
- > <id> -> <alpha>|<alpha><id>|<id><int>
- \rightarrow <alpha> \rightarrow a|b|c----x|y|z|A|B|C----X|Y|X|"_"
- \rightarrow <digit> \rightarrow 0|1|2|3|4|5|6|7|8|9
- > <key> -> ascii code(32,33,34......127)