<program> ::= <unit>\*

<unit>::=（<statement>| <def-func>）

<statement> ::= <while-loop> | <if-else> | <assignment>**;** | <declaration>**;** | <in>**;** | <out>**;** | <jump>**;** |<return>**;**|<call-func>**;**

<while-loop> ::= **while (** <condition> **)** <block>

<if-else> ::= **if (** <condition> **)**  <block> {**else**  <block>}

<block> ::= **{** {<statement>} **}**

<out> ::= **print(**<expression>|<string>**)**

<in> ::= **scan(**<variable >**)**

<assignment> ::= <variable> **=** <expression>

<declaration> ::= <type> <variable> <rest-variable>

<rest-variable> ::= **,**<variable>< rest-variable >|空

<variable> ::= <identifier> { **[** <inumber> **]** }

<expression> ::= <calculation> | <character>

<calculation> ::= <item>((**+**|**-**)<calculation >) | <item>

<item> ::= (<factor> (**\***|**/**)<item>) | <factor>

<factor> ::= (<variable > | <number> | <call-func>) | **(** <calculation> **)**

<condition> ::= (<sub-con> (**&&** | **||**) <condition>) | <sub-con>

<sub-con> ::= <expression><relation key><expression>

<number> ::= (+|-)<number> | (<inumber> | <fnumber>)

<relation-key> ::= **<** | **>** | **<=** | **>=** | **==** | **<>**

<type> ::= **int** | **real | char**

<jump> ::= **break** | **continue**

<return>::= **return** (<expression>|<blank>)

<def-func>::=**def** <identifier> **(**<def-val-list>**)** <block>

<def-val-list>::=(<declaration>**;**)\*|<blank>

<call-func>::=<identifier>**(**<val-list>**)**

<val-list>::=<variable> <rest-variable>|<blank>