输入：

Input file name to compile:

D:\OneDrive\CLionProjects\course\_of\_compiler\_theory\task3\test\_for\_grammar.txt

输出：

creat a const int

creat a const int

creat a const char

creat a const char

creat a const char

creat a const char

creat a variable with commaglobalInt

creat a array globalIntArray

creat a variable with commaglobalInt2

creat a array globalIntArray2

creat a variable with semicolon globalInt3

creat a variable with commaglobalChar

creat a array globalCharArray

creat a variable with commaglobalChar2

creat a array globalCharArray2

creat a variable with semicolon globalChar3

creat a function fib

creat a 0 arguement n

creat a 0 arguement k

creat a variable with semicolon i

creat a variable with semicolon res

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

return something

parse an expression

set a else

enter a statement sqquence

assign a value to ident res

parse an expression

set a for loop

parse an expression

cope with condition

parse an expression

parse an expression

the loop ident is i

enter a statement sqquence

assign a value to ident res

parse an expression

parse an expression

parse an expression

call a function fib

return something

parse an expression

creat a function print

creat a variable with semicolon i

assign a value to ident i

parse an expression

set a do while loop

enter a statement sqquence

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

use printf to print something

print expression

parse an expression

assign a value to ident i

parse an expression

cope with condition

parse an expression

parse an expression

creat a function toUpperCase

creat a 1 arguement x

creat a variable with semicolon c

set a if

cope with condition

parse an expression

parse an expression

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

assign a value to ident c

parse an expression

return something

parse an expression

set a else

return something

parse an expression

set a else

return something

parse an expression

creat a function changeGlobal

use printf to print something

print string "original: "

use printf to print something

print expression

parse an expression

assign a value to ident globalInt

parse an expression

use printf to print something

print string " changed: "

use printf to print something

print expression

parse an expression

creat a function dealRequest

creat a 0 arguement operation

creat a const char

creat a variable with semicolon i

creat a variable with semicolon y

use printf to print something

print string "start "

assign a value to ident y

parse an expression

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

set a for loop

parse an expression

cope with condition

parse an expression

parse an expression

the loop ident is i

enter a statement sqquence

use printf to print something

print string " "

parse an expression

parse an expression

parse an expression

call a function fib

print expression

set a else

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

use a self-defined function

set a else

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

use printf to print something

print string "%c"

parse an expression

parse an expression

call a function toUpperCase

print expression

use printf to print something

print expression

parse an expression

parse an expression

call a function toUpperCase

set a else

set a if

cope with condition

parse an expression

parse an expression

enter a statement sqquence

use a self-defined function

set a else

enter a statement sqquence

use printf to print something

print string "nothing"

creat a function main

creat a variable with semicolon i

creat a variable with semicolon operation

assign a value to ident globalInt

parse an expression

use scanf to get something

scan into operation

set a for loop

parse an expression

cope with condition

parse an expression

parse an expression

the loop ident is i

enter a statement sqquence

use a self-defined function

parse an expression

use printf to print something

print string " "

Compiled successfully!

该结果是否与预期的相符