https://github.com/lavrric/UniversityProjects/tree/main/FLCD/lab9  
  
@echo off  
yacc -d parser.y  
lex spec\_v2.lxi  
gcc lex.yy.c parser.tab.c -o result  
.\result ..\test\_programs\test.txt  
  
ON test.txt:  
  
x = 669;  
y = 42;  
z = 36;  
  
if(x >= y){  
 out(x);  
}  
elif(y >= x && y >= z){  
 out(y);  
}  
elif(y >= x && y >= z){  
 out(y);  
}  
PRINTS:

const -> INT\_CONST

term -> const

exp -> term

assignStmt -> ID = exp;

stmt -> assignStmt

stmtList -> stmt

const -> INT\_CONST

term -> const

exp -> term

assignStmt -> ID = exp;

stmt -> assignStmt

stmtList -> stmtList stmt

const -> INT\_CONST

term -> const

exp -> term

assignStmt -> ID = exp;

stmt -> assignStmt

stmtList -> stmtList stmt

term -> ID

exp -> term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

outStmt -> ...

stmt -> outStmt

stmtList -> stmt

cmpdStmt -> { ... }

stmt -> cmpdStmt

term -> ID

exp -> term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

outStmt -> ...

stmt -> outStmt

stmtList -> stmt

cmpdStmt -> { ... }

stmt -> cmpdStmt

term -> ID

exp -> term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

term -> ID

exp -> exp rel\_op term

outStmt -> ...

stmt -> outStmt

stmtList -> stmt

cmpdStmt -> { ... }

stmt -> cmpdStmt

ifTail -> elif ...

ifTail -> elif ... + ifTail

ifStmt -> if .. ifTail

stmt -> ifStmt

stmtList -> stmtList stmt

program -> stmtList

OK