

!!!!!! Please read the readme file in each folder

All commands are implemented and executed.

Yacc file read mode example:

```
muhammedozkan@ubuntu:~/Desktop/Hw3/Yacc_Interpreter$ ./a.out test.g++
9
SUMUP
SUMUP
(1 2 3)
16
(1 2 3 4)
(4 2 9 7 5)
2
1
FALSE
5
TRUE
(6 7 2 9)
125
FALSE
FALSE
TRUE
FALSE
TRUE
FALSE
21
Exiting.
muhammedozkan@ubuntu:~/Desktop/Hw3/Yacc_Interpreter$
```

Lisp file read mode example:

```
muhammedozkan@ubuntu:~/Desktop/Hw3/Lisp_Interpreter$ clisp gpp_interpreter.lisp test.g++
9
"sumup"
"sumup"
(1 2 3)
16
(1 2 3 4)
(4 2 9 7 5)
2
1
NIL
5
T
(6 7 2 9)
125
NIL
NIL
T
NIL
T
NIL
21
Exiting.
muhammedozkan@ubuntu:~/Desktop/Hw3/Lisp_Interpreter$
```

Yacc interpreter mode some examples:

```
muhammedozkan@ubuntu:~/Desktop/Hw3/Yacc_Interpreter$ ./a.out
>> (append (list 4 2 9) (list 7 5))
(4 2 9 7 5)
>> 
>> (** (- 6 4) (/ 8 2))
16
>> 
>> (if (and true false) 1 2)
2
>> 
>> (concat (list 1 2) (list 3 4))
(1 2 3 4)
>> 
>> (defun sumup (x) (if (equal x 0) 1 (set x (- x 1))))
SUMUP
>> (sumup 5)
SUMUP
>> 
```

Lisp interpreter mode some examples:

```
muhammedozkan@ubuntu:~/Desktop/Hw3/Lisp_Interpreter$ clisp gpp_interpreter.lisp
>> (append (list 4 2 9) (list 7 5))
(4 2 9 7 5)
>> 
>> (** (- 6 4) (/ 8 2))
16
>> 
>> (if (and true false) 1 2)
2
>> 
>> (if (and true false) 1 2)
2
>> 
>> (concat (list 1 2) (list 3 4))
(1 2 3 4)
>> 
>> (defun sumup (x) (if (equal x 0) 1 (set x (- x 1))))
"sumup"
>> (sumup 5)
"sumup"
>> 
```