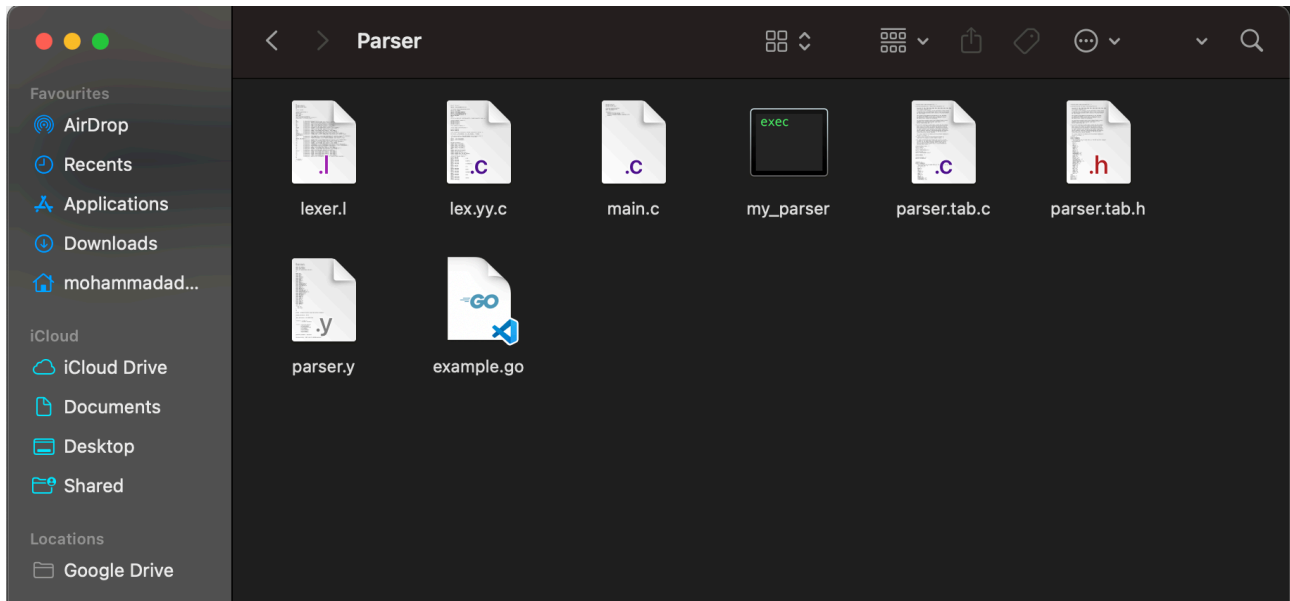


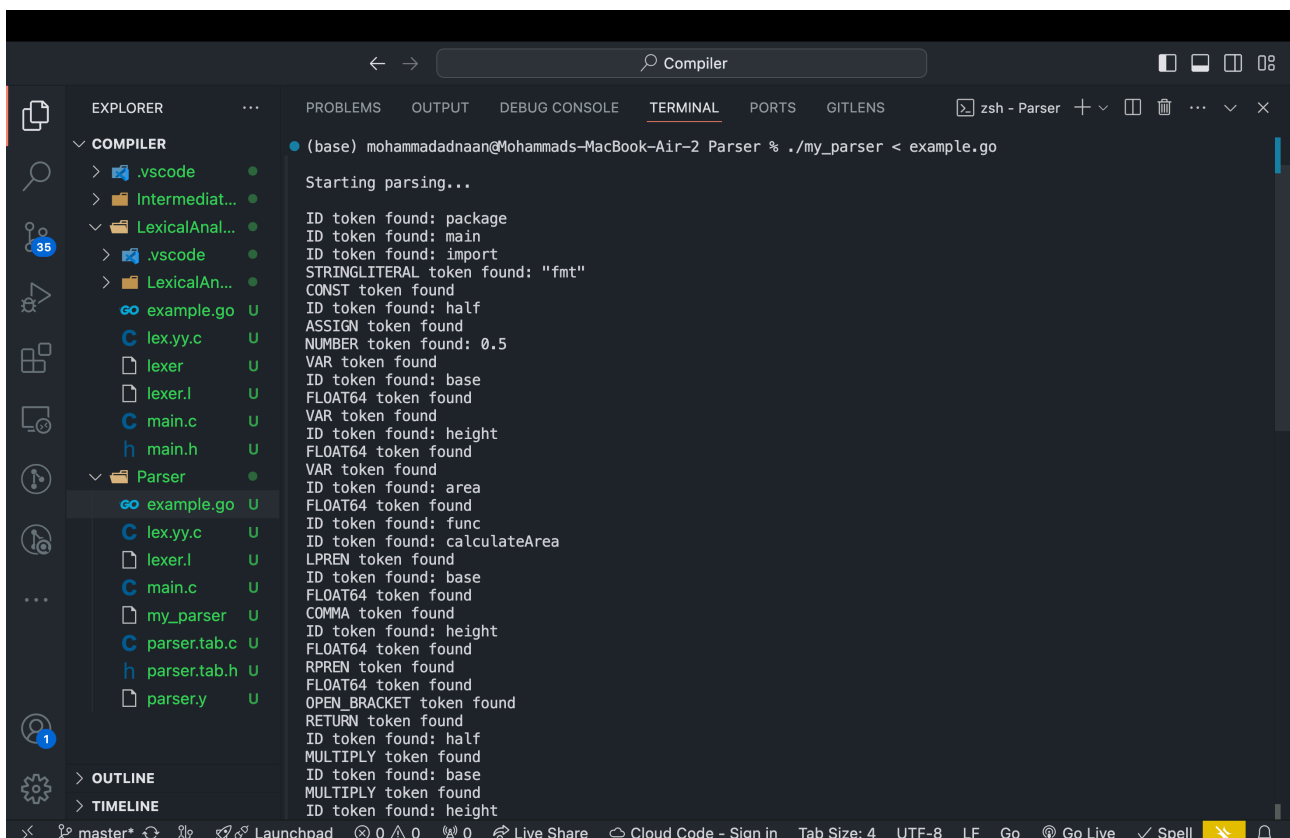
## Cammands:

```
(base) mohammadadnaan@Mohammads-MacBook-Air-2 Parser % flex lexer.l
(base) mohammadadnaan@Mohammads-MacBook-Air-2 Parser % bison -d parser.y
parser.y: conflicts: 101 shift/reduce
(base) mohammadadnaan@Mohammads-MacBook-Air-2 Parser % gcc -o my_parser main.c lex.yy.c parser.tab.c -ll
(base) mohammadadnaan@Mohammads-MacBook-Air-2 Parser % ./my_parser < example.go
```

## Input Files



## Output



← → Compiler

EXPLORER

COMPILER

Intermediat...

LexicalAnal...

LexicalAn...

example.go

lex.yy.c

lexer

lexer.l

main.c

main.h

Parser

example.go

lex.yy.c

lexer.l

main.c

my\_parser

parser.tab.c

parser.tab.h

parser.y

OUTLINE

TIMELINE

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

GITLENS

zsh - Parser

CLOSE\_BRACKET token found  
ID token found: func  
ID token found: main  
LPREN token found  
RPREN token found  
OPEN\_BRACKET token found  
ID token found: fmt  
DOT token found  
ID token found: Println  
LPREN token found  
STRINGLITERAL token found: "Enter the base of the right-angled triangle:"  
RPREN token found  
ID token found: fmt  
DOT token found  
ID token found: Scan  
LPREN token found  
AMPERSAND token found  
ID token found: base  
RPREN token found  
ID token found: fmt  
DOT token found  
ID token found: Println  
LPREN token found  
STRINGLITERAL token found: "Enter the height of the right-angled triangle:"  
RPREN token found  
ID token found: fmt  
DOT token found  
ID token found: Scan  
LPREN token found  
AMPERSAND token found  
ID token found: height  
RPREN token found  
ID token found: area  
ASSIGN token found  
ID token found: calculateArea  
LPREN token found  
ID token found: base  
COMMA token found

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← → Compiler

EXPLORER

COMPILER

Intermediat...

LexicalAnal...

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example.go

lex.yy.c

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my\_parser

parser.tab.c

parser.tab.h

parser.y

OUTLINE

TIMELINE

PROBLEMS

OUTPUT

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TERMINAL

PORTS

GITLENS

zsh - Parser

COMMA token found  
ID token found: area  
RPREN token found  
IF token found  
ID token found: area  
GREATER\_THAN token found  
NUMBER token found: 100  
OPEN\_BRACKET token found  
ID token found: fmt  
DOT token found  
ID token found: Println  
LPREN token found  
STRINGLITERAL token found: "The area is greater than 100 sq unit."  
RPREN token found  
CLOSE\_BRACKET token found  
ELSE token found  
OPEN\_BRACKET token found  
ID token found: fmt  
DOT token found  
ID token found: Println  
LPREN token found  
STRINGLITERAL token found: "The area is not greater than 100 sq unit."  
RPREN token found  
CLOSE\_BRACKET token found  
FOR token found  
ID token found: i  
ASSIGN token found  
NUMBER token found: 1  
COLCO token found  
ID token found: i  
LESS\_THAN\_EQUAL token found  
NUMBER token found: 5  
COLCO token found  
ID token found: i  
PLUS token found  
PLUS token found  
OPEN\_BRACKET token found  
ID token found: fmt

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main.c

my\_parser

parser.tab.c

parser.tab.h

parser.y

OUTLINE

TIMELINE

ID token found: fmt  
DOT token found  
ID token found: Printf  
LPREN token found  
STRINGLITERAL token found: "Loop iteration %d\n"  
COMMA token found  
ID token found: i  
RPREN token found  
CLOSE\_BRACKET token found  
CLOSE\_BRACKET token found

PARSING FINISHED SUCCESSFULLY.  
o (base) mohammadadnaan@Mohammads-MacBook-Air-2 Parser %

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