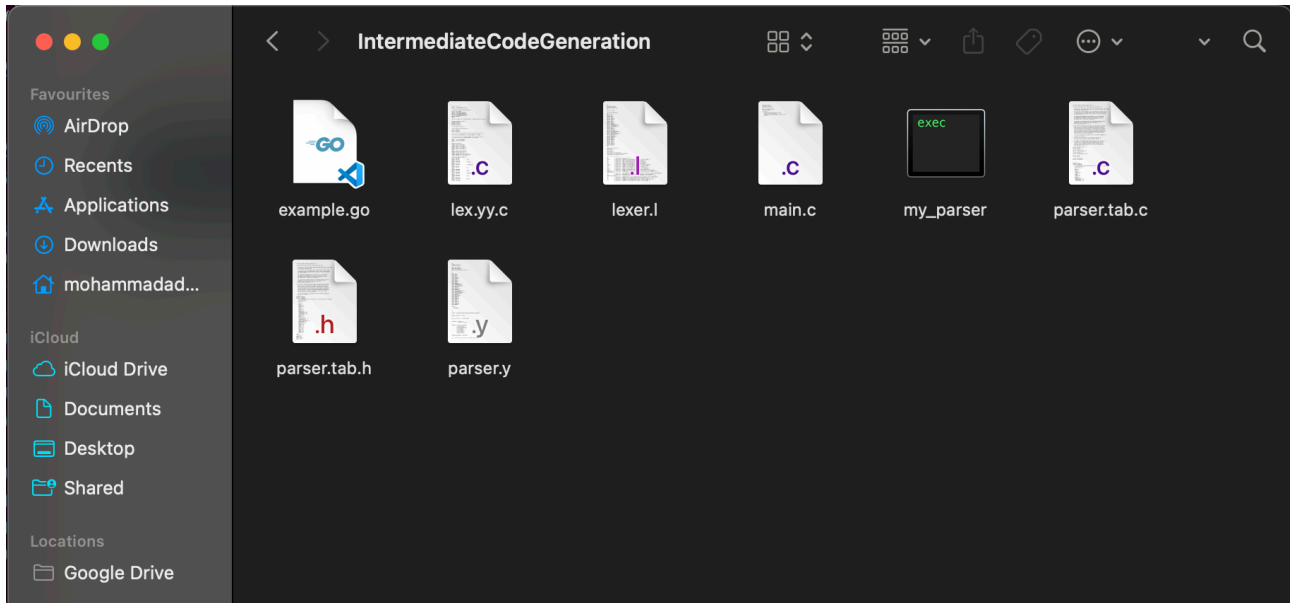


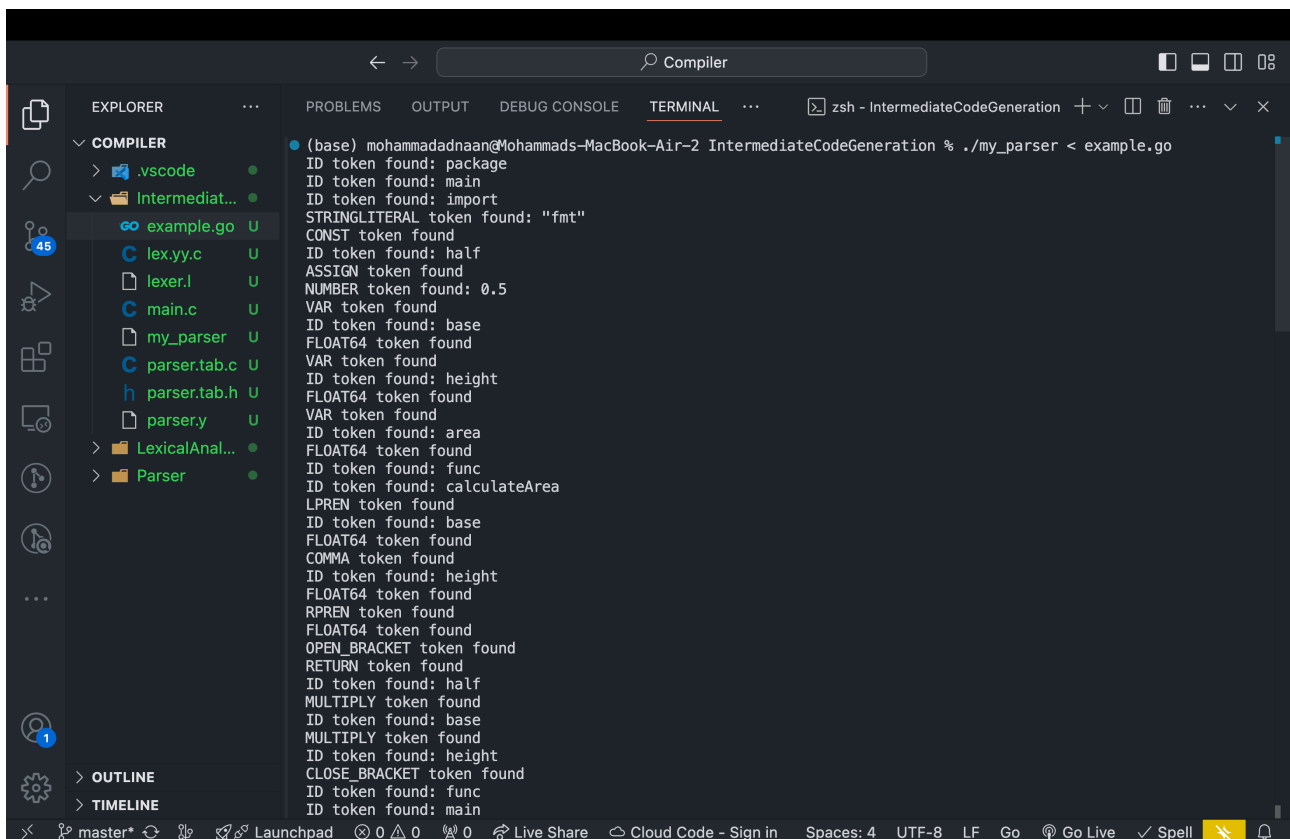
## Cammands:

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

## Input:



## Output:



VS Code interface showing the first run of a C compiler. The Explorer pane shows the project structure with files like `example.go`, `lex.yy.c`, `lexer.l`, `main.c`, `my_parser`, `parser.tab.c`, `parser.tab.h`, `parser.y`, `LexicalAnal...`, and `Parser`. The Terminal pane shows the output of the compiler, displaying various tokens found during compilation, such as `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: height`, `ASSIGN token found`, `ID token found: calculateArea`, `LPREN token found`, `ID token found: base`, `COMMA token found`, and `ID token found: height`.

VS Code interface showing the second run of the C compiler. The Explorer pane shows the project structure with files like `example.go`, `lex.yy.c`, `lexer.l`, `main.c`, `my_parser`, `parser.tab.c`, `parser.tab.h`, `parser.y`, `LexicalAnal...`, and `Parser`. The Terminal pane shows the output of the compiler, displaying various tokens found during compilation, such as `ID token found: Println`, `LPREN token found`, `STRINGLITERAL token found: "The area is greater than 100 sq units."`, `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 units."`, `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`, `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`, and `ID token found: height`.