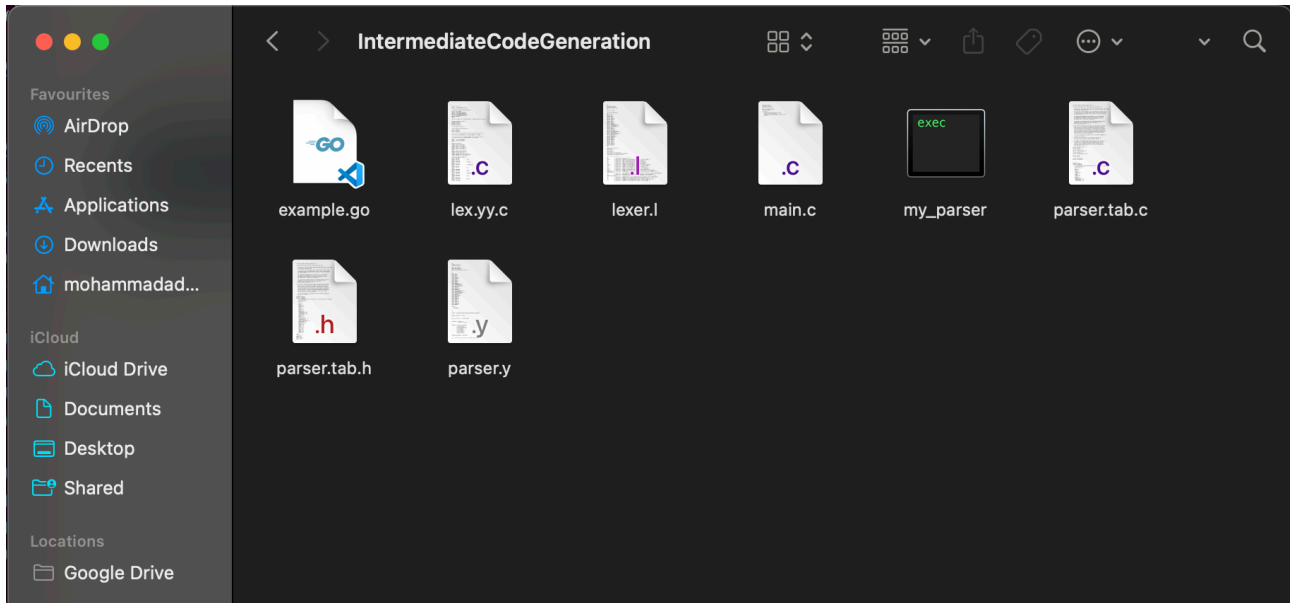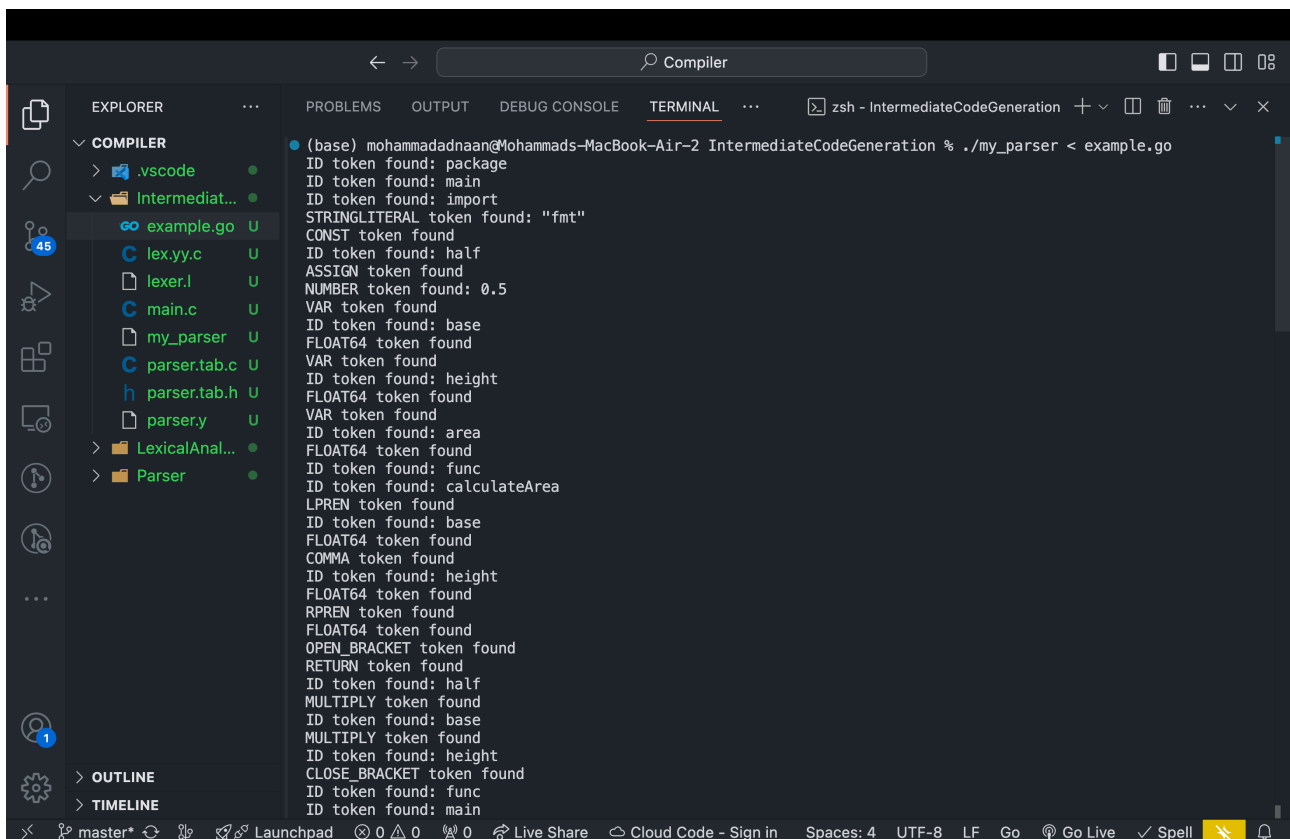## Cammands:

```
● (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.ta
  b.c -ll
● (base) mohammadadnaan@Mohammads-MacBook-Air-2 IntermediateCodeGeneration % ./my_parser < example.go
```

## Input:



## Output:

```
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
ID token found: height
```

---

```
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
```

(base) mohammadadnaan@Mohammads-MacBook-Air-2 IntermediateCodeGeneration %