

Question 2

Implementation of Calculator using LEX and YACC

Output :

```
C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>bison -dy
variable.y
bison: cannot open file `variable.y': No such file or direct
ory

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>bison -dy
calc.y

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>flex calc
.l

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>gcc lex.y
y.c y.tab.c
```

```
C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>a

Enter Any Arithmetic Expression which can have operations Ad
dition, Subtraction, Multiplication, Divison, Modulus and Ro
und brackets:
4+5

Result=9

Entered arithmetic expression is Valid

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>a

Enter Any Arithmetic Expression which can have operations Ad
dition, Subtraction, Multiplication, Divison, Modulus and Ro
und brackets:
5/10

Result=0

Entered arithmetic expression is Valid

C:\Users\malav\OneDrive\Documents\CDLab\Cycle2\Pg5>a

Enter Any Arithmetic Expression which can have operations Ad
dition, Subtraction, Multiplication, Divison, Modulus and Ro
und brackets:
5+

Entered arithmetic expression is Invalid
```