output-:

user@ubuntu:~/Desktop$ flex a3.l

user@ubuntu:~/Desktop$ yacc -d a3.y

user@ubuntu:~/Desktop$ gcc lex.yy.c y.tab.c -ll -lm

user@ubuntu:~/Desktop$ ./a.out

MOD(4,2)

=0

MOD(4,3)

=1

sin(90)

SIN is==1

tan(90)

Undefined (Infinity)TAN is=90

cube(3)

Cube is=27

square(2)

square is==4

sqrt(25)

Square Root is=5

reci(5)

Reciprocal is=0.2

exp(10)

EXPONENTIAL is=22026.5

LOG10

LOG of base 10 is=1

ln10

LOG with base 2 is=2.30259

5

=5

(9)

The simple number is=9

3^2

Power is==9

3\*3

Multiplication is=9

3+4

Addition is=7

4-2

substraction is=2

3/0

Error! Divide by zero!!Division is=3

32/2

Division is=16

fact(5)

Factorial is=120