MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COURSE CODE: CSE-304, COURSE TITLE: COMPILER SESSIONAL
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ASSIGNMENT 4

- Design a Simple calculator that can support the following operations:

Operation	Example
"+" : plus operation	5 + 8 = 13
"-" : minus operation	5 - 8 = -3
"++" : increment operation	Two case: Prefix: ++5= 6 , 2+(++5)=8 Postfix: 5++=5, 2+(5++)=7
"--" : decrement operation	Two case: Prefix: --5= 4, 2+(--5)=6 Postfix: 5--=5, 2+(5--)=7
"<<" : LEFTSHIFT operation	6 << 2 = 24
">>" : RIGHTSHIFT operation	6 >> 1 = 3
"*" :MUL operation	44*2=88
"/" : DIV operation	6 / 1 = 6 [note that 6 / 0 := Infinity, you have to handle this.]
"%" : MOD operation	6 % 10 := 6 [only on integer operands, otherwise handle the error]
"**" : DOUBLESTERIK operation	6 ** 2 := 36 [power: 6^2]
"<=" : LESS THAN EQUAL operation	6<=2 output will be false 2<=6 output will be true
">=" : GREATER THAN EQUAL operation	6>=2 output will be true 2>=6 output will be false
"!=" : NOT EQUAL operation	6!=2 output will be true6 6!=6 output will be false
"&" : BITWISE AND operation	1&3=1

Take input from file and give output to file
See Sample Input/Output For Further Reference