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	6>=2 output will be true
operation	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