Operator Related Problems

(Total 15 questions)

	_	Sample output Addition: 15 Subtraction: 50 Quotient: 0 Reminder: 5 Addition: 5.5 Subtraction: -15.5 Multiplication: -15.5 Reminder: -48	
	5 10	Addition: 15 Subtraction: -5 Multiplication: 50 Quotient: 0 Reminder: 5 Addition: 5.5 Subtraction: -15.5 Multiplication: -52.5 Quotient: 0	
	5 10	Addition: 15 Subtraction: -5 Multiplication: 50 Quotient: 0 Reminder: 5 Addition: 5.5 Subtraction: -15.5 Multiplication: -52.5 Quotient: 0	
	-5 10.5	Multiplication: 50 Quotient: 0 Reminder: 5 Addition: 5.5 Subtraction: -15.5 Multiplication: -52.5 Quotient: 0	2
	-5 10.5	Reminder: 5 Addition: 5.5 Subtraction: -15.5 Multiplication: -52.5 Quotient: 0	
	-5 10.5	Addition: 5.5 Subtraction: -15.5 Multiplication: -52.5 Quotient: 0	
2. P		Quotient: 0	
2. P			
2. P		Reminder: -48	
		cumference of a circle having radius r. Area, A = 2 * Pi * r	*
 	Sample input (r)	Sample output	
_	5	Area: 31.4	
	10.5	Area: 65.94	
	(Without using math.h)	ers (a, b) as inputs and compute the value of the equation	1 *
	X - 13 31 * a	$a^2 + 2.01 * b^3$) / (7.16 * $b^2 + 2.01 * a^3$)	
	λ = (3.31 - 6		
	Sample input (a, b)	Sample output	
 - 		Sample output X = 2.315475	

Sample input(X)	Sample output		
5	X++: 5		
	++X: 6		
	X: 5		
	X : 4		
-5	X++: -5		
	++X: -4		
	X: -5		
	X : -6		
Program that will increment and decrement a number X by Y . (Use += and -= operators)			
Sample input(X,Y)	Sample output		
5 10	Incremented Value: 10		
	Decremented Value: -5		
-5 5	Incremented Value: 0		
	Decremented Value: -10		
_	Itiply and divide a number X by Y. (Use *= and /= operators)	*	
Sample input(X,Y) 56 10	Sample output Multiplication: 560	*	
Sample input(X,Y) 56 10	Sample output Multiplication: 560 Division: 5	*	
Sample input(X,Y)	Sample output Multiplication: 560 Division: 5 Multiplication: 560	*	
Sample input(X,Y) 56 10	Sample output Multiplication: 560 Division: 5	*	
Sample input(X,Y) 56 10 -56 -10 Program that will dec	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Authorized and initialize an integer and a floating point number. Then it will integer and integer to floating conversions using	**	
Sample input(X,Y) 56 10 -56 -10 Program that will december form floating to in (a) Assignment of	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Authorized and initialize an integer and a floating point number. Then it will integer and integer to floating conversions using		
Sample input(X,Y) 56 10 -56 -10 Program that will december floating to in (a) Assignment o (b) Type casting	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Stare and initialize an integer and a floating point number. Then it will atteger and integer to floating conversions using peration		
Sample input(X,Y) 56 10 -56 -10 Program that will december floating to in (a) Assignment of (b) Type casting Sample input	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Clare and initialize an integer and a floating point number. Then it will atteger and integer to floating conversions using peration Sample output		
Sample input(X,Y) 56 10 -56 -10 Program that will december floating to in (a) Assignment of (b) Type casting Sample input	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Sample output Assignment: 123.125000 assigned to an int produces 123 Assignment: -150 assigned to a float produces -150.000000 Type Casting: (float) -150 produces -150.000000		
Sample input(X,Y) 56 10 -56 -10 Program that will december floating to in (a) Assignment of (b) Type casting Sample input	Sample output Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Multiplication: 560 Division: 5 Sample and initialize an integer and a floating point number. Then it will atteger and integer to floating conversions using peration Sample output Assignment: 123.125000 assigned to an int produces 123 Assignment: -150 assigned to a float produces -150.000000		

Sample input (x, y)	Sample output	
20 100	Max: 100	
50 -20	Max: 50	
Program that will evaluate the fol		*
,	X = a - b / 3 + c * 2 - 1	
	Y = a - (b / (3 + c) * 2) - 1 Z = a - ((b / 3) + c * 2) - 1	
Sample input (a, b, c)	Sample output	
9 12 3	X = 10	
	Y = 4	
	Z = -1	
(0)	a) $(a+b) \le 80$ b) $!(a+c)$ c) $a! = 0$	
Sample input (a, b, c)	Sample output	
10 -10 0	a) 1	
	ω, Ξ	
	b) 0	
	,	
Program that will take a , b & c as (0)	b) 0	***
(0)	b) 0 c) 1	***
(0)	b) 0 c) 1 inputs and decide if the statements are True (1) of False 1) $(a+b) \le 80 \&\& b \ge 0$ 2) $(a-b) == 0 \mid \mid c! = 0$	***
(0)	inputs and decide if the statements are True (1) of False 1) $(a+b) \le 80 \&\& b \ge 0$ 2) $(a-b) == 0 \mid \mid c! = 0$ 2) $a! = b \mid \mid (b < a) \&\& c > 0$ Sample output 1) 0	***
(0) 3) Sample input (a, b, c)	inputs and decide if the statements are True (1) of False 1) $(a+b) \le 80 \&\& b \ge 0$ 2) $(a-b) == 0 \mid \mid c! = 0$ 2) $a! = b \mid \mid (b < a) \&\& c > 0$ Sample output	***

$h \perp cart(h^2)$	4 2 6)		
$\mathbf{root} = \frac{-\mathbf{b} \pm \mathbf{sqrt}(\mathbf{b}^2)}{2.\mathbf{a}}$	<u> </u>		
Sample input (a, b, c)	Sample output		
2 4 -16	2.00 -4.00		
1 2 3	Imaginary		
Program that will evaluate $2\cos^2 x - \sqrt{3}\sin x + \sin^2 x$		***	
; where 1<= x <=180 [No checking needed]			
Sample input (x)	Sample output		
30	1.810066		
	0.7704.54		
120	0.778151		
Program that will take a flo	3.954243 Dating point number X as input and evaluate A,B,C where-	**	
Program that will take a floor A = Value B = Value	3.954243	**	
Program that will take a flo A = Valu B = Valu C = Abso	3.954243 Doating point number X as input and evaluate A,B,C where- ue when X is rounded up to the nearest integer ue when X is rounded down to the nearest integer polute value of X	**	
Program that will take a floor A = Value B = Value	3.954243 Dating point number X as input and evaluate A,B,C wherewhen X is rounded up to the nearest integer the when X is rounded down to the nearest integer	**	
Program that will take a flo A = Valu B = Valu C = Abso Sample input(X)	3.954243 Dating point number X as input and evaluate A,B,C where- ue when X is rounded up to the nearest integer ue when X is rounded down to the nearest integer colute value of X Sample output	**	
Program that will take a flow A = Value B = Value C = Absolution Sample input(X) 10.6 -77.9	3.954243 Dating point number X as input and evaluate A,B,C wherele when X is rounded up to the nearest integer are when X is rounded down to the nearest integer plute value of X Sample output A = 11, B = 10, C = 10.6	**	
Program that will take a flow A = Value B = Value C = Absolution Sample input(X) 10.6 -77.9	3.954243 Doating point number X as input and evaluate A,B,C wherele when X is rounded up to the nearest integer are when X is rounded down to the nearest integer colute value of X Sample output A = 11, B = 10, C = 10.6 A = 78, B = 77, C = 77.9		
Program that will take a flow A = Value B = Value C = Absolution Sample input(X) 10.6 -77.9 Program to find size of int,	3.954243 Doating point number X as input and evaluate A,B,C wherese when X is rounded up to the nearest integer are when X is rounded down to the nearest integer polute value of X Sample output A = 11, B = 10, C = 10.6 A = 78, B = 77, C = 77.9 A float, double and char of the system.		
Program that will take a flow A = Value B = Value C = Absolution Sample input(X) 10.6 -77.9 Program to find size of int,	3.954243 Doating point number X as input and evaluate A,B,C wherele when X is rounded up to the nearest integer are when X is rounded down to the nearest integer polute value of X Sample output A = 11, B = 10, C = 10.6 A = 78, B = 77, C = 77.9 A float, double and char of the system. Sample output Sample output		
Program that will take a flow A = Value B = Value C = Absolution Sample input(X) 10.6 -77.9 Program to find size of int,	3.954243 Doating point number X as input and evaluate A,B,C wherele when X is rounded up to the nearest integer are when X is rounded down to the nearest integer polute value of X Sample output A = 11, B = 10, C = 10.6 A = 78, B = 77, C = 77.9 If loat, double and char of the system. Sample output Size of int in byte(s) = 4		