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Welcome to our Command-Line Calculator (CLC)
Developer: COMP-1400 Instructors
Version: 2, Assignment 2
Date: October 2021
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Select one of the following items:
B) - Binary Mathematical Operations, such as addition and subtraction.
U) - Unary Mathematical Operations, such as square root, and log.
A) - Advances Mathematical Operations, using variables, arrays.
V) - Define variables and assign them values.
X) - Exit
b
Please enter the first number:
12.65
Please enter the operation ( + , - , * , / , % , ^ (for power) ):
+
Please enter the second number:
9.47
The result is:      22.12
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
b
Please enter the first number:
42
Please enter the operation ( + , - , * , / , % , ^ (for power) ):
/
Please enter the second number (non-zero):
0
Please enter the second number (non-zero):
7
The result is:      6.00
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
b
Please enter the first number:
12
Please enter the operation ( + , - , * , / , % , ^ (for power) ):
^
Please enter the second number:
3
The result is:      1728.00
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
U
Please enter the operation ( S (for square root) , L (for logarithm) , E (for
exponential) , C (for ceil) , F (for floor) ):
s
Enter a positive value.
-123
Enter a positive value.
123
The result is:      11.09
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
v
Please enter the name of the variable ( A single character between 'a' to 'e'
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):
r
Please enter the name of the variable ( A single character between 'a' to 'e'
):
a
Please enter a value to assign to the variable:
9.41
Variable a is set to:      9.41
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
v
Please enter the name of the variable ( A single character between 'a' to 'e'
):
b
Please enter a value to assign to the variable:
11.
Variable b is set to:      11.00
Please select your option ( B (Binary operation), U (Unary operation) , A
(Advanced), V (Variables), X (Exit))
a
Select one of the following items:
B) - Binary Mathematical Operations, such as addition and subtraction.
U) - Unary Mathematical Operations, such as square root, and log.
X) - Exit and back to the main menu
b
Please enter the first number or a variable name ('a' to 'e'):
a
Please enter the operation ( + , - , * , / , % , ^ (for power) ):
*
Please enter the second number or a variable name ('a' to 'e'):
3
The result is:      28.23
Please select your option ( B (Binary operation), U (Unary operation), X
(Exit and back to the main menu))
b
Please enter the first number or a variable name ('a' to 'e'):
b
Please enter the operation ( + , - , * , / , % , ^ (for power) ):
/
Please enter the second number or a variable name ('a' to 'e'):
c
Denominator can't be zero.
Please enter the second number or a variable name ('a' to 'e'):
b
The result is:      1.00
Please select your option ( B (Binary operation), U (Unary operation), X
(Exit and back to the main menu))
u
Please enter the operation ( S (for square root) , L (for logarithm) , E (for
exponential) , C (for ceil) , F (for floor) ):
c
Please enter a number or a variable name ('a' to 'e'):
a
The result is:      10.00
Please select your option ( B (Binary operation), U (Unary operation), E
(Exit and back to the main menu))
x
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Please select your option ( B (Binary operation), U (Unary operation) , A  
(Advanced), V (Variables), X (Exit))  
X  
Thanks for using my Simple Calculator. Hope to see you soon again, Goodbye!