Calculator Instructions:

1. Start the calculator program
2. Read the available functions listed
3. Each function will have the number of required parameters in the brackets
4. type in the function name, along with the function parameters, all seperated by space.
5. type exit to quite the program

Function Manual

Addition (...)
SYNTAX: addition [Double ...]
PARAMETER LIMIT: infinite
RETURN TYPE: Double

Subtraction (...)
SYNTAX: subtraction [Double ...]
PARAMETER LIMIT: infinite
RETURN TYPE: Double

Multiplication (...)
SYNTAX: multiplication [Double ...]
PARAMETER LIMIT: infinite
DESCRIPTION: Multiplies the all the numbers in the parameters list
RETURN TYPE: Double

Division (...)
SYNTAX: division [Double ...]
PARAMETER LIMIT: infinite
RETURN TYPE: Double
DESCRIPTION: Divides the first parameters by the 2nd. The answers of that division is divided by the 3rd, which is then devided by the 4th...
RETURN TYPE: Double

root (2)
SYNTAX: root [Double] [Integer]
PARAMETER LIMIT: 2
DESCRIPTION: Calculates the nth root of the 1st parameter, where n is the 2nd parameter
RETURN TYPE: Double

factorial (1)
SYNTAX: factorial [Long/Integer]
PARAMETER LIMIT: 1
DESCRIPTION: Calculates factorial of the 1st parameter
RETURN TYPE: Long

ln (1)
SYNTAX: ln [Double]
PARAMETER LIMIT: 1
DESCRIPTION: Calculates natural logarithm of the 1st parameter
RETURN TYPE: Double

e^x (1)
SYNTAX: $e^{[}Double]$
PARAMETER LIMIT: 1
DESCRIPTION: Calculates Eulers number to the power of 1st parameter
RETURN TYPE: Double

power (2)
SYNTAX: power [Double, Double]
PARAMETER LIMIT: 2
DESCRIPTION: Calculates parameter 1 to the power of parameter 2
RETURN TYPE: Double