

Infix to Postfix conversion, enter expression of blank line to exit.

expr: **3\*5/2\*(6.32-4.85)**

$3*5/2*(6.32-4.85) \Rightarrow 3\ 5\ *\ 2\ /\ 6.32\ 4.85\ -\ *$

$3\ 5\ *\ 2\ /\ 6.32\ 4.85\ -\ *$  evaluates to 11.025000000000006

expr: **355/113**

$355/113 \Rightarrow 355\ 113\ /\$

$355\ 113\ /\$  evaluates to 3.1415929203539825

expr: **1+2+3+4+5**

$1+2+3+4+5 \Rightarrow 1\ 2\ +\ 3\ +\ 4\ +\ 5\ +$

$1\ 2\ +\ 3\ +\ 4\ +\ 5\ +$  evaluates to 15.0

expr: **1/2+1/4+1/8+1/16+1/32+1/64**

$1/2+1/4+1/8+1/16+1/32+1/64 \Rightarrow 1\ 2\ /\ 1\ 4\ /\ +\ 1\ 8\ /\ +\ 1\ 16\ /\ +\ 1\ 32\ /\ +\ 1\ 64\ /\ +$

$1\ 2\ /\ 1\ 4\ /\ +\ 1\ 8\ /\ +\ 1\ 16\ /\ +\ 1\ 32\ /\ +\ 1\ 64\ /\ +$  evaluates to 0.984375

expr: **1.00000001/2\*2**

$1.00000001/2*2 \Rightarrow 1.00000001\ 2\ /\ 2\ *$

$1.00000001\ 2\ /\ 2\ *$  evaluates to 1.00000001

expr:

Program terminated.

|