dc

An arbitrary precision calculator. Uses reverse polish notation (RPN).

- Run calculator in interactive mode:

dc

- Execute dc script in file:

dc -f {{file}}

- Calculate 4 times 5 [4 5 *], subtract 17 [17 –], and [p]rint the output (using echo):

echo "4 5 * 17 - p"| dc

- Set number of decimal places to 7 [7 k], calculate 5 divided by –3 [5 _3 /] and [p]rint (using dc –e):

dc -e "7 k 5 _3 / p"

- Calculate the golden ratio, phi: Set number of decimal places to 100 [100 k], square root of 5 [5 v] plus 1 [1 +], divided by 2 [2 /], and [p]rint result:

dc -e "100 k 5 v 1 + 2 / p"