

Write a program that does the following:

1. Reads five numbers, a , b , c , d , and e . (You can use whatever variable names you wish.)
2. Prints all five numbers on a single line, followed by their average. The line should look like the following. The numbers may have decimal points. You should print the average to three decimal places.

17.000,32.000,5.000,9.000,6.000 Average=13.000

3. Computes the value of the following five formulas, one polynomial per value.

F1. Square root of a

F2. Sin of b plus Cos of c .

F3: $d^3+2e^2+3.5$

F4: ln 10 divided by ln 2.

F5: The remainder when dividing the Integer part of a by 7.

4. Prints the value of the formulas, one formula per line with labels as follows. Print everything to three decimal positions, except formula 5, which should have no decimal point.

Formula 1 = ...

Formula 2 = ...