Project 2

(An algorithm to find the root of a cubic equation: $Ax^3 + Bx^2 + Cx + D = 0$, the roots of a quartic equation and the roots of a quadratic equation.)

10 CLS

20 INPUT QUADRACTIC EQUATION

30 INPUT a

40 INPUT b

50 INPUT c

60 PROCESS $x_1 = \frac{-b+\sqrt{b^2-4ac}}{2a}$

70 PROCESS $x_2 = \frac{-b-\sqrt{b^2-4ac}}{2a}$

80 PRINT x_1

90 PRINT x_2

100 END