

QFORMULA.8XP

Class

Description:

This program solves a quadratic equation of the form...

$$ax^2 + bx + c = 0 \\ (a \neq 0)$$

The user must enter the values for a, b, and c. It then uses the quadratic formula ...

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

and displays the two solutions as x1 and x2. If the solutions are complex, those are displayed in a+bi form.