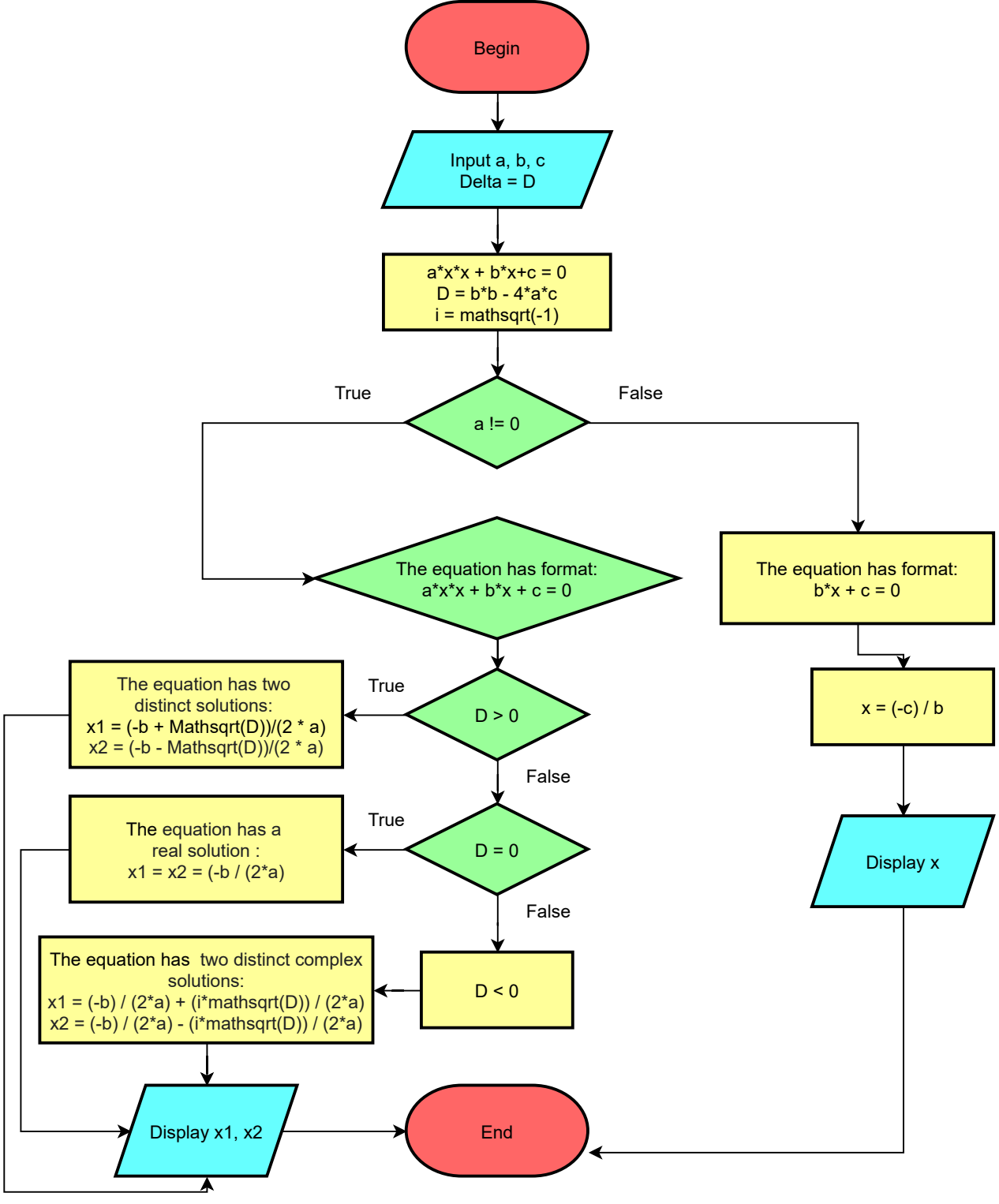


```
Begin
    Input a, b, c
    Input Delta = D
    a*x*x + b*x + c = 0
    D = b*b - 4*a*c
    i = mathsqrt(-1)
    If   a = 0
        The equation has format: b*x + c = 0
        Then The solution of the equation is: x = (-b) / (2*a)
        Display x
    Else a != 0
        The equation has format: a*x*x + b*x +c = 0
        If    D > 0 The equation has two distinct solutions:
                    x1 = (-b + Mathsqrt(D))/(2 * a)
                    x2 = (-b - Mathsqrt(D))/(2 * a)
        Else D <= 0
            If   D = 0 The equation has a real solution:
                    x1 = x2 = (-b) / (2*a)
            Else The equation has two distinct complex solutions:
                    x1 = (-b) / (2*a) + (i*mathsqrt(D)) / (2*a)
                    x2 = (-b) / (2*a) - (i*mathsqrt(D)) / (2*a)
            End If
        End If
    End If
    Display x1, x2
End
```