

Given the coefficients  $a$ ,  $b$ , and  $c$  of the quadratic equation

$$ax^2 + bx + c = 0 \text{ where } a \neq 0$$

Write a program in r language which takes in  $a$ ,  $b$ , and  $c$  and computes the roots of the equation.

Your output must look like the examples shown below.

Root 1: -2

Root 2: 3

Root 1: -0.125 + 0.4841 i

Root 2: -0.125 - 0.4841 i