Q.27) Write a Python program to find the roots of a quadratic equation, ax2+ bx + c =0 .

```
import cmath

def Roots(a, b, c):

Discriminant = b**2 - 4*a*c


Root1 = (-b + cmath.sqrt(Discriminant)) / (2 * a)
Root2 = (-b - cmath.sqrt(Discriminant)) / (2 * a)

return Root1, Root2


a = float(input("Enter coefficient a: "))
b = float(input("Enter coefficient b: "))
c = float(input("Enter coefficient c: "))


if a == 0:
print("Coefficient a cannot be zero in a quadratic equation.")
else:

Root1, Root2 = Roots(a, b, c)


print(f"The roots of the equation are: {Root1} and {Root2}")
```