

**Problem Statement:**

Python program to solve quadratic equation

```
import cmath

a=float(input("enter a:"))

b=float(input("enter b:"))

c=float(input("enter c:"))

d=(b**2)-(4*a*c)

sol1=(-b+cmath.sqrt(d))/(2*a)

sol2=(-b-cmath.sqrt(d))/(2*a)

print("The solution are {0} and {1}".format(sol1,sol2))
```

**OUTPUT:**

enter a:8

enter b:16

enter c:8

The solution are (-1+0j) and (-1+0j)