

```

import java.util.Scanner;

public class Main1{
    public static void main(String args[]){
        Scanner sc= new Scanner(System.in);
        System.out.println("Enter coefficient of x^2");
        float a= sc.nextFloat();
        System.out.println("Enter coefficient of x");
        float b= sc.nextFloat();
        System.out.println("Enter constant");
        float c= sc.nextFloat();
        float d2=((b*b)-4*a*c));
        if (d2<0){
            System.out.println("Roots are imaginary");
            return;
        }
        else{
            double root1;
            root1=(-b+Math.sqrt(d2))/2*a;
            double root2=(b-Math.sqrt(d2))/2*a;
            System.out.println(root1);
            System.out.println(root2);
        }
    }
}

```

```

PS C:\Users\thear\OneDrive\Desktop\cc> & 'C:\Program
sers\thear\AppData\Roaming\Code\User\workspaceStor
Enter coefficient of x^2
2
Enter coefficient of x
3
Enter constant
4
Roots are imaginary
PS C:\Users\thear\OneDrive\Desktop\cc> & 'C:\Program
sers\thear\AppData\Roaming\Code\User\workspaceStor
Enter coefficient of x^2
1
Enter coefficient of x
10
Enter constant
5
-0.5278640450004204
0.5278640450004204
PS C:\Users\thear\OneDrive\Desktop\cc>

```