```java
import java.util.*;
public class lab1 {
    public static void main(String args[]){
        Scanner in = new Scanner(System.in);
        float a,b,c,d;
        System.out.println("For ax^2 + bx + c = 0\nEnter the values of coefficients a, b and c");
        a=in.nextInt();
        b=in.nextInt();
        c=in.nextInt();
        d=(float)Math.pow(b ,2)-4*a*c;
        if (d>0)
            System.out.println("The roots of the equation are real and distinct : " + ((-
1*b+Math.sqrt(d))/(2*a))+ " & "+ ((-1*b-Math.sqrt(d))/(2*a)));
        else if (d==0)
            System.out.println("The roots of the equation are real and equal : " + ((-1*b)/(2*a)));
        else
            System.out.println("No real roots exist");
        }
}
```

Output:

```
PROBLEMS 8   OUTPUT   DEBUG CONSOLE   TERMINAL

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\Prg data> cd "d:\Prg data\Java\OOJ Lab\Sample\" ; if ($?) { javac lab1.java } ; if ($?) { java lab1 }
For ax^2 + bx + c = 0
Enter the values of coefficients a, b and c
2
30
5
The roots of the equation are real and distinct : -0.1685608506924101 & -14.83143914930759
PS D:\Prg data\Java\OOJ Lab\Sample>
```