```java
import java.util.*;
 class Quad_Roots
{
public static void main(String args[])
{
    double a,b,c,d,r1,r2;
System.out.println("Enter the values of a,b and c");
Scanner sc = new Scanner(System.in);
a = sc.nextDouble();
b = sc.nextDouble();
c = sc.nextDouble();
d=(b*b)-(4*a*c);
if(d>0)
{
r1=(-b+Math.sqrt(d))/(2*a);
r2=(-b-Math.sqrt(d))/(2*a);
System.out.println("Root1="+r1+"Root2="+r2);
}
else if(d==0)
{
r1=r2=-b/(2*a);
System.out.println("Root1=Root2="+r1);
}
else
{
System.out.println("There are no real solutionss for the given equation");
}
}}
```

```
Command Prompt

Microsoft Windows [Version 10.0.18362.1082]
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C:\Users\Nikita>set path ="

C:\Users\Nikita>set path ="C:\Program Files\Java\jdk1.8.0_261\bin"

C:\Users\Nikita>cd desktop

C:\Users\Nikita\Desktop>cd OOJ_LAB

C:\Users\Nikita\Desktop\OOJ_LAB>java Quad_Roots
Enter the values of a,b and c
1 -3 10
There are no real solutionss for the given equation

C:\Users\Nikita\Desktop\OOJ_LAB>java Quad_Roots
Enter the values of a,b and c
1 -3 -10
Root1=5.0Root2=-2.0

C:\Users\Nikita\Desktop\OOJ_LAB>java Quad_Roots
Enter the values of a,b and c
4 -4 1
Root1=Root2=0.5

C:\Users\Nikita\Desktop\OOJ_LAB>
```