

```
Command Prompt
Microsoft Windows [Version 10.0.18362.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\rahul lavate>cd arya

C:\Users\rahul lavate\arya>javac Program.jav
error: Class names, 'Program.jav', are only accepted if annotation processing is explicitly requested
1 error

C:\Users\rahul lavate\arya>javac Program.java

C:\Users\rahul lavate\arya>java Program
Enter three parameters:
1
2
3
No real solution

C:\Users\rahul lavate\arya>javac Program.java

C:\Users\rahul lavate\arya>
C:\Users\rahul lavate\arya>java Program
Enter three parameters:
1
-2
1
The roots are real and equal and their value is equal to 1.0

C:\Users\rahul lavate\arya>javac Program.java

C:\Users\rahul lavate\arya>java Program
Enter three parameters:
4
4
1
The roots are real and equal and their value is equal to -0.5

C:\Users\rahul lavate\arya>javac program.java

C:\Users\rahul lavate\arya>java Program
Enter three parameters:
1
1
1
No real solution

C:\Users\rahul lavate\arya>
```

Program.java - Notepad

File Edit Format View Help

import java.util.Scanner;
class Program {

public static void main(String[] args) {
Scanner ss = new Scanner(System.in);
System.out.println("Enter three parameters:");
int a, b, c;
a = ss.nextInt();
b = ss.nextInt();
c = ss.nextInt();

double d;
d= Math.sqrt(b*b - 4*a*c);

if(d> 0)
{
double r1,r2;
r1 = (-b + d)/(2.0*a);
r2 = (-b - d)/(2.0*a);
System.out.println("The roots are real and distinct and their values are"+r1+ " and "+r2);
}
else if(d == 0)
{
double r;
r = -b/(2.0*a);
System.out.println("The roots are real and equal and their value is equal to "+r);
}
else
System.out.println("No real solution");
}
}

Ln 20, Col 103100%Windows (CRLF)UTF-8