LAB-1

```
import java util. Scanner;
import java. lang. *;
 class Quadratic S
  public static void main (String [Jargs)
   { double a, b, c, r1, r2, d;
     Scanner scan - new Scanner (System.in);
  System. aut. printle ("enter the co-efficients of
           the quadratic equation a, b and c/n");
     a = scan next Double ();
      b = Scan. next Double ();
      C = scan next Double ():
    d= b x b - (4x axc);
   if (d<0)
 I system out println ("There are no real solutions
        for this quadratic equation \n");
   System. extt (0); }
r1 = (-b+ Math. sqrt(d))/(2xa);
 r2 - (-b- Math. sqrt(d))/(2xa);
 if (d = = 0)
Esystem.out.println ("The solutions are real and equal to "+ + +1);
```

olse system.out.println("The real solutions are