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Lab Program
1 Quadratic equation
   import java. util. Scanner;
    public static void main (String [] args) {
    int a, b, c; (ladel de
    double d, r, r2;
    Scanner in = new Scanner (System. in);
    System. out. print la ("Enter the values of a, b, c");
     a = in nentInt ();
     b: in . nent Int ();
    C = in · nent Int (),
     d= (b*b) - (4*a*c);
     if (d>0)
        System. out printly (" Roots are real and unequal");
        ri = (-b+ Math. sgrt (d)) / (2+ a);
       rz: (-b- Math. sgrt(d))/(2*a);
      System.out. frinkln ("The roots are" + r, + "and" + v2),
   else if (d==0)
        System out frinkly ("Roots are real and equal");
        Y_1 = Y_2 = -b/(2*a);
       System. out. frintln ("The root is "+r,);
    else ?
     System. out. frintln ("Roots are imaginary");
                           (10)
```