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NAME: AVIRATH MANOMAR HEGGE
    USN :- IBMIACS 195.
   DATE: - 25/01/2000 10/09/2020
                                                        Parties 34
    Week 2 Panchice Dangerams:
  & WEEK 3 LAB PROGRAM.
   a. Develop a Java Tuogram - that points all steal solutions to
      the quadratic equation ax + bx + c= 0. Read in a, b, c
       and use the quadratic formula. If the discriminant
       b2- Hac is negative display a message stating that
      There are no Hear solutions.
   imposit java. util. Scanner;
   Dublic class Quadratic
URI
     public static void main (String args[])
          double X=0, y=0:
          double a, b, c;
          double det:
          Scanner Sc = new Scanner (System. in);
          System. out. printin ("Enter the value of a:").
          a = Sc-next-Double ();
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         System. out - paintly (" Enter the value of b: ")
          b = Sc. next-Double ();
TIE .
          System. our. printin (" Encis the value of c:").
          c = sc. next Double();
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          det = (b*b) - (4 a c);
          alouble syst = Math. syst (det);
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if (det >0)
3
   2= (-b+ sqrt) (2 * a);
   y= (-b-sqs+)/ (2+a);
  System. our. Println ( " Rook are : "+ x+" and "+y);
else if (det ==0)
     System.out. pain! In (" Root 11; "+ (-b+sqst)/(2*a));
  else
  System. out. paintln (" there are no real solutions").
 3.
```