ob pregram) peutlop a Java program mas primes real solutions to the quadratic equation ax +6x+c=0. tead in a, b, c and use the quadratic formula If The discriminate b2-tax is negative, display a message stating that there are no real solutions import your util . Scanner; import Java. Long. Malh; class at Scanner 5 , new Scarner (System in); sut a.b.c; double d. 911, 92; void input () System out println ("Not a Quadratic equation \a Enter value of a ") a = s. nextInt(); b = s. next Int(); C= s next Int(); void calculate () al (a == 0) System out println ("Not a Quadratic equation In Enter value of a:); a: nes. nextInt(); d= (b+b) - (4 * a+c) if (d<0) System out printly ("Roots are imaginary"); 91= (-b)/(2xa); 912: Math. egrt (-d)/(deuble) (2+a); System out println ("RI="+91+" R2="+ 12);

```
else if (doso)
            System out printle ("Roote are real and equal");
             941 = (-6)/(double) (2 = a)
             System out printh ("RI = "+ MI + "RZ = " MZ);
       clase
           System, out printle ("Roots are real and distinct"),
            on: ((-6) for (wat sign (d))) ( double) (2+0);
           2,2: ((-6) & (Math equt(d))) / (double) (24a);
            System out println (" RI= "+ AI + " RZ="+ AZ),
 3
 class
       Quadrotic
        public static void main (String a [ ]) {
        ¿ at q= now QE();
          9. input ();
          9. calculate ();
Output:
                                            Enter values of a, b, c;
 Enter values of 0,6,0;
   Reols are real and distinct
                                             feels are real and equal
   RI= -1. 7071067311865475
                                            R1-0.5 R2 - 0.5
  Exter values of 0, b, c;
   foots are imaginary
   KI = 0.0 82 = 0.33 166 24 790355399 7
```