Develop a java program that prints all the seal Solutions to the graduatic equation an2+bx+c=0
Read in a, b, c and use the quadratic formula.

9/ the discrimiant b2-yac is negative, display solutione etaling that there are not real v import jana. util . Scanner; class ghadratic. Ablic static void main (String args [7) & double root 1 =0, root 2 =0; Scanner SS = new Scanner (System in); Cystem. out. Print ("Enter the value of a in axi2+6x + Czo:"); double a = SS, next Double (); Cystem. out. print ("Enter the nalue of 6 in and +bx + C = 0:"); double b = SS. next Double (); System. out. print ("Enter the value of c'in aunz +but) double C = Ss. nextDouble(); double denominator = 2 * a; double Dz (b*b)-4 * a * c j System. out, printly ("The Solutions are real and distinct").

Soot 1 = ((-b + Math. sqrt(D)) / denominator);

Systems out. printly ("Roots are "+ Root 1+" "+ root 2);

Date ___ / __ / ____ else if (D==0) System out printly ("The solution are real and equal");

root = root = = -b/denominator;

System. out. printly ("Roots are" + root 1+"and" + root =); else {
System. out, printh ("Equationshas no real solutions"); OUTPUT Enter the coefficient of b of axx2+bx+c=0:15 Enter the coefficient of c of axx2+6x+c=0:3
The solutions are real and distinct Root are -0.044555558333472335 -4,48877777499 Enter the coefficient of b of ann2+bx+c=0:1 Enter the coefficient of b of ann2+bx+c=0:-3 Enter the cofficient of c of ann2+bx+c=0:4 Equation has not real solutions Enter the coefficient of a d anne + bx + c = 0:4 Enter the coefficient of b of anne + bx + c > 0:4 Enter the coefficient of c of ax n2 + bx + c > 0:1 The solution are seal and equal Roots are -0.5 and -0.5

