the quadratic egm ax2+bxtc=0. Read in a, b, c and we the quadratic formula import java.util. Sanner; clast Quadratic int a,b,c; whuble 71, x2, d; void getd() { Scanner s=new Scanner (systemin); System.out.println("Enter the coefficients of a=s.nextInt(); b=s.nextInt(); c=s.nextInt(); ynid compute () system.out.println("Not a quadratic question") System.out.println("Enter a non zero value for a:"); scanner s=new Scanner (system.in); a=s.nextInt(); d=b*b=u*a*c; if (d==0) f x1=(-b)/6*a); system.out.println("Rooti=Raca2="+x1); griem.out.println("Rooti=Raca2="+x1);	Develop a Java program that prints all real solv to
equadratio formula. import java.util. Sanner; class Quadratic. int enb.(; shuble r1, r2, d; void getd() Scanner s=rew Scanner (systemin); System.out.printla("Enter the toethicients of a,b,c"); b=SnextInt(); C=S. nextInt(); void compute () supremout.println("Not a quadratic quatron") System.out.println("Finter a non zero value for a:"); Scanner s=new Scanner (System.in); a=s.nextInt(); 3 d=b*b-4*a*C; if (d==0) f r1=(-b)/(b*a);	the quadratic egn ax2+bx+c=0. Read in a, b, c and we the
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int a,b,(; double 11,x2,d; void getd() Scanner s=rew Scanner (systemin); System.out.println("Enter the Coefficients of a,b,"); b=s.nextInt(); b=s.nextInt(); void compute () cotile (a==0) System.out.println("Not a guadratic guation") System.out.println("Enter a non zero value for a:"); Scanner s= new Scanner (System.in); a=s.nextInt(); d=b*b-4*a*C; if (d==0) f 1 = (-b)/6*a); system.out.println("Poots are real and equal)	class Quadrestic
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3 d=b*b-4*a*C; if (d==0) { =1=(-b)/(2*a); endemout printin("Poots are recul and equal);	XXX
if (d==0) { =1 = (-b)/(2*a); endemout printin("Proots are real and equal);	a=snex+In+();
if (d==0) { =1 = (-b)/(2*a); endemout printin("Proots are real and equal);	3 1 No. 1 No
Entemout printin("Proots are real and equal)	d= 5 b + 4 a C)
green out printing "Roots are real and equally	if (d==0)
System out printin ("Roots are recul and equal); System out printin ("Roots = "+x1); 3	$\{ -1 = (-b)/(2^*a) \}$
System out. println ("Root1 = Root2 = "+x1);	System out printin ("Poots are secul and equal)
3	System out. println ("Root1 = Root2 ="+x1);
	3

else if (d) o) 11 = ((-b) + (Math. sqx+(d))/(double)(2+a); 72=((-b) - (Math. sqxt(d)))/(dauble)(2+a); System out printle ("Roots are real and distinct"); Sgetem out . println ("Roots="+x++" Root2= +12); else if (dro) r1= (-b)/(2 = a); rz= Math. sgrt (d) (2 fa); System out. println ("looth"+ 1+1"+1"+ +2); System. out. println ("Root2="+x1+"-11"+x2); class Quadratic Main public static void main (string W args) Quadratic q = new Quadratic (); q. getd (); 9. computa (); System out printer ("Sanketh M Hancesi 18m22cs242");

output: Easter the coefficients of a,b,c; foots are real and equal Root1 = Root 2 = -1.0 Sanketh M Hanasi IBM22CS242 Enter 342 Roots are imaginary Root 1 = 0.0 + 1 0.10884189678 . 8598148801 • 1 - 0-0 = 5 toos Sanketh M Hanasi IBM22CS242 Enter 132 Roots are real and distinct 20 ot \$ = -1.0 Root2 = -2.0 Sanketh M. Hanasi 1BM22CS242