classmate Develop a Javapnogram that prints all real solns to the quadric equatro ax2-bx+c=0. Read in a, b, c and use the quadric formula. If the D 62-4ac is -ve, display a menage staking

that there are no real solns. import java util. Scanner;

class quadractic int a, b, c double 81, 82, d;

· void getd()

Scanner s = new Scanner (System. in); Systemout println ("Enter coeffe of a,b,c"); a = s neutlnt();

b = s. nextInt(); .C = s. next (nt();

void computers

while (a==0)

System out println ("Not a quad eq"); System. out. printn ("Enter non-zero a"); Scanner 8c= new; Scanner (system. in);

 $\alpha = 8$. next (nt());

d=b*b-4ac;

lassmate if (d ==0) VI = (-b)/(2°a); System. out. println ("Rook & real beguar"). System. out println (" AI= R2 ="+ 71); else if (d>0) 71= ((-b)+(Math.sqrt(d)))/(doubb)(3'a); 71= ((-b)-(Math. sqrt(d)))/(double) (2°a). System_Out.println ("ROOK & real & dishou"). System. Out. printh ("RI="+01+"R2"="+02). ela if (d <0) System. out. println ("Roots au imagina") 81= (-b) /((2*a); 02 = Math. sqrt(-d) /(2+a); System out. println ("RI=" + 81+ "+1"+ 72) System. out. println ("R2="+81+"-("+82); class quadratic main public static void main (strong augs) Quadratic q = new quadraks(); q.getd();

Classmate q.compute(); Enter the coefficients of a, b, c Not a quadratic equatri Enter a non zero valu for a: Roots are imaginary Root1 = 0.0 t io. 88

a,b,c

Rook are real and equal Root 1 = Root 9 = +1

Enter the coefficients of a, b, C. 2

Rout 2 = 0.0 + 10.88

Enter the coefficients of

Output:

R

2

4

8

Roots are real and distinct. Rout 2= 3.438 Root1 = +0.2649