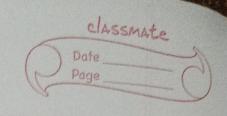


Develop a Java program that prints all seal sol's to quad equal equal if dis -ve display so seal rook. impost java util Scances class quad { public static void main (String as as (2)) Scanner SC = how Scanner (System.in) System. out printle (Prajural P In 18m22000) System out pointln ("Enter coefficients:") int a, b, c; double x1, x2; a = schext Incli b: sc.next Intal c · sc hext Int(); while (a = = 0) } System-out println ("Enter non zero avalue Seagner 10 = new Scanner (System int) a = s. next Int(); int d = bxb - 4xaxc if (d == 0) { d == Man 81 = (-b)/(2*a) System out println ("Pook que ral and equal system out println ("Root 1= Poot 2= "toD"



else if (d 20) {

81: (-b + Math. sqx+ (d)) / (double) (2*a);

82: (-b - Math. sqx+ (d)) / (double) (2*a);

System. out. println ("Poot 1="+81);

System. out. println ("Poot 2="+22);

Exten. out. println ("Poot 2="+22);

Exten. out. println ("Poot 2="+22);

else it (d <0) {

System out println (4Rooks are imaginarya).

2 = Math. sqxt(-d)/(2*a);

System-out. point In ("Root 1 = 421+41, 4+3)

3

1

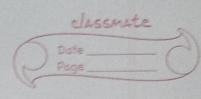
Dutput:Prajusal: P 1Bm 22 C5200

Hayel: Enter coefficients abe

2

Rook on red and equal

Root 1 = Root 2 = -1.0



# Carc 2	!- Enter coefficients a, b, c
	0
	1
	2
	Not a guadratic equation
	Not a quadratic equation Entra a non zero ratur d'a:
	0
# Carc 3	Enter coefficients a,b,c
	2
);	look are imaginary
	Poot 1 = 0.0 + i 1.322875
	Poot 2 = 0.0 - i 1.322875
+ Case 4	Enter coefficient of o.b.c
	1 60
	-3
	2
	Rook are real and distinct
	Roof 1 = 2.0
	Post 2 = 10
(//	
751	2/1-
0	