import java wil scanner; class equation public static void main (string axgs[]) of Scanner root = new Scanner (System. in); System. out, print ("Enter the value of a in ax12+bx+C=0" double a = root next Double (); System out print ("Enter the value of b in 0x12+bx+(-0:"). double @=ex b = xrot. next Double(); System. out, print ("Enter the value of C in 0812 + by + (=0; double (= root, next pouble ). double n=2\*a. double D=(b\*b)-4\*a\*c. System out pointly ("solutions seed and distinct 1 81 = ((-b+ North. Sgrt(p))/n); System out print in (" solutions are

ALG	ORITHM:-
Step	1: Input a, b, C values of equaction
Steps	2: SET D= b2-4ac
Step	3: If DSO, print Real solutions and discrete root $1 = -b + \sqrt{D/2a}$ root $2 = -b - \sqrt{D/2a}$
Step	4: If D=0, print solution real on equal yout 1 = root 2 = -b/2a
Ste	65: else print NO real Solution
Step	6: ENP.