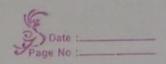
Develop a java program that prints all real solutions of equation ax2+bx+c=0. import java util . Scanner; dass Quadratic double o1, x2, d; void get d() Scanner &= new Scanner (System.in); System out println ("Enter the coefficients of aib, ("); a = s. nextInt(); b= s. next Int (): C=S. next Int(); void compute () System out pointly ("Not a quadratic equation"); System out println ("Enter a non zero value for a: "); Scanner 5 = new Scanner (System.in); a = s. next Int (); d=b*b-4*a*c; if (d==0)

81= (-b)/(2*a); System out point la ("Roots are real and equal"); System. out : point In ("Root 1 = Root 2 = " + 01) else if (d>0) 81 = ((-b) + (Math. sqxt(d)))/(double)(2) x2=((-b)-(Math. sqxt(d)))/(double)(2ta) System out pointly ("Rosts are real and distinct); System. out println ("Root 1 = "+ 81 + " Root 2= " + 02); else if (d<0) System out pointle ("Roots are imaginary"); x1 = (-b)/(2 ta); 102 = Math sqxt (-d) / (2*a); · System.out. println ("Root 1 = " + 81 + " + i "+82): = System. out. pointln ("Root 2 = "+ + 1 + "-i"+ +2); class Quadratic Main public static void main (string args[])

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Quadratic q=new Quadratic(); q. getd(); q. compute();

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OUTPUT

Enter the cofficients of a, b, c: 12

Root 1 = Root 2 = -1

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