SHLOK IYER 1 BM2205260 1) Develop a Java program that frints all real solutions to the quadratic equation an that c=0, lead in a, b, and use the quadractic formula. If the discriminant b2-hac is negative, display a message stating that there are no real solutions. import Jana util. Scanner: clas Suadratic int a, b, c; double Mrzid; void getd () Scanner 5 = new Scanner (System in); System-out-println ("Enter the coefficients of a,b,c"); 10 = S. nent Int()i b-S. rent Int(); C = Sinent Int(); void compute () while (x== 0) System.out-Println ("Not a gradrache egn"); Supplem. Out-Println ("Enter a non zero number"): Scapper 5- new Scanner (System, in); d= b \*b -4 \*c \*c : if (d==0) (1-(-b)/(2+a); System-out-print In ("Roots are equal"); System. out-print In ("Root = Root 2= "+11);

1 = ((-b) + (math-sqrt(d)) / (double)(2+a); 12 = (1-b) - (math-sart(d)) (double(2+a). System-out frintly ("Poots are real and distinct System out fristlac "Poot] = "+rl + "Poot 2 - u of else if (d < 0) System out Println ("Roots are imaginary 11-(-b)/(2+a); 12-math-sqrt (-d) (2 +a); System. out println ("Routl = " tr) +11+11/1 System out-front ("Root/2" + r) t"-1" +r) q. compute();