Practical 1 c

import java.util.\*;

class quad

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.println("a=");

int a=sc.nextInt();

System.out.println("b=");

int b=sc.nextInt();

System.out.println("c=");

int c=sc.nextInt();

double D=(Math.pow(b,2)-4\*a\*c);

if(D>=0)

{

double ans1= (-b +Math.sqrt(D))/(2\*a);

double ans2= (-b -Math.sqrt(D))/(2\*a);

System.out.println("THE ANSWERS ARE: \n"+"ANS 1: "+ans1+" ANS 2: "+ans2);

}

else

{

double c1= Math.sqrt(-D)/(2\*a);

double c2 = (float)(-b)/(float)((2\*a));

System.out.println("COMPLEX ANSWERS FOUND \n THEY ARE : " + c2 + "+" + "i" + c1 +";\n" + c2 + "-" + "i" + c1);

}

}

}

OUTPUT:

