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**package** java;

**import** java.util.Scanner;

**public** **class** giaiphuongtrinhbac2 {

**public** **static** **void** main(String[] args){

System.***out***.println("vui long nhap gia tri a , b , c ");

Scanner scan = **new** Scanner(System.***in***);

**double** a= scan.nextDouble();

**double** b= scan.nextDouble();

**double** c= scan.nextDouble();

**if**(a==0) {

System.***out***.println("phuong trinh co nghiem la" +(-c/b));

} **else** {

**double** delta= b\*b -4 \* a \* c;

**if**(delta <0) {

System.***out***.println("phuong trinh vo nghiem");

} **else** **if**(delta==0) {

**double** x= -b/2\*a;

System.***out***.println("phuong trinh co nghiem kep"+ x);

} **else** {

**double** x1=(-b - Math.*sqrt*(delta)) /2\*a;

**double** x2=(-b + Math.*sqrt*(delta)) /2\*a;

System.***out***.println("phuong trinh co 2 nghiem la ");

System.***out***.println("x1 = " + x1);

System.***out***.println("x2 = " + x2);

}

}

scan.close();

}

}