```
Develop a java program that prints all real solutions to
the quadratic equation ax2+bx+c=0. Read in a,b,c and
use anadratic formula. If the discriminate is negative,
display a message stating, there are no real solutions.
  import java util Scanner;
   public class mains
     public static woid main (String[] args)
        int d; int a, b, c;
        double R1, R2;
        Scanner ss = new Scanner (system.in):
         System · out· println ("a,b,c:");
         a = 85 next 1 n+();
          b=ss. next Int();
          c = $5. nextint();
           d = b + b - 4 + a + c.
   if (d>0)
   9
      71 = (-b + Math. pow (d, 0.5)) / (2+a);
       82 = (-b - Math. pow(d,0.5))/(2+a);
      System. out. println ("RI="+ 11+", R2="+12);
    else if (d == 0)
        TI = T2 = - b (2+a);
      bystem. out. println ( RI = R2 = "+ ri);
     else
       System.out.println("There are no real solutions");
```

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output: a,b,c:
                      the suffered Street,
themselve to the descent of it regular
The state of the state of the state of the state of
     ROO RI = 3.0, R2 = 2.0
         a,b,c:
 Output:
         -4
          4
                            EA. IN WALL
        R1 = R2 = 2.0
        a,b,c:
Output :
                ("s d, o") allow g how massy
          2
            are no real solutions.
          3
        There
               11 - (+ b + Mais powl d, 0.0) ((21)
              (010) ((000)) (210) (210).
         -9 "+ m+" -12 ) all that do more
                         1000 4 50 10
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```
import java.util.Scanner;
class quad
 public static void main(String[] args)
  int d;
  int a,b,c;
  double r1,r2;
  Scanner ss=new Scanner(System.in);
  a=ss.nextInt();
  b=ss.nextInt();
  c=ss.nextInt();
  d=b*b-4*a*c;
  if(d>0)
  {
    r1=(-b+Math.pow(d,0.5))/(2*a);
    r2=(-b-Math.pow(d,0.5))/(2*a);
    System.out.println("r1="+r1+"r2="+r2);
  }
  else if(d==0)
    r1=r2=-b/(2*a);
    System.out.println("r1="+r1+"r2="+r2);
  }
  else
  {
    System.out.println("there are no real solutions");
  }
}
}
```

```
C:\1BM23cs303>java quad
Error: Could not find or load main class quad
Caused by: java.lang.ClassNotFoundException: quad
C:\1BM23cs303>javac quad.java

C:\1BM23cs303>java quad
1
-5
6
r1=3.0r2=2.0

C:\1BM23cs303>java quad
1
-4
4
r1=2.0r2=2.0

C:\1BM23cs303>java Student
```

```
USN: a0023
Subject 1: Credits = 4, Marks = 89
Subject 2: Credits = 3, Marks = 98
Subject 3: Credits = 2, Marks = 94
SGPA: 9.56

C:\lBM23cs303>javac quad.java

C:\lBM23cs303>java quad
1
2
6
there are no real solutions

C:\lBM23cs303>
```