```
Date:
import java util. Scanner;
public class lab 1}
public static inc dat (int a, int b, int c) {
 int d = bxb - 4xaxc;
return d:
public static void main (String [] args) ]
double r1, r2, real, imag;
Scanner x = new Scanner (System.in);
System.out.println("enter the a,b,c, values:");
 int a=x.next Int ();
  int b = x, next Int ();
  Int c = x. next Int ();
  int d = x-next Int(); det (a,b,c);
 if (d==0) {
  r1 =-b + Math. sgxt (dx 1.0);
  r2 = -b - Math, sgrt (d*1.0);
System out println (" the roots are real and equal:"
                           +r1+" "+r2);
if (dso)}
r1 = - 6 + Moth, sgrt (dx 1,0);
 12 = - b + Moth. Sgrt (dx 1.0);
Bystem.out.println (" the roots are real but not equal:"
                           +r1+","+r2);
```

```
if (d <0) $
real = -b:
imag -d;
System. out. println ("the roots are imaginary: "+(real)+"
                    + ("+(+1.0 x imag)+"i),"+(real)+"
   + ("+ (-1.0 x imag) + "i)");
```