```
WEEK 1
import jour util scanner;
import java. Lang. math;
class Realsourtion f
       private int a, b, c;
       void acceptible
           systemout. Prinsen ("A quadratie eqn. is of the form
                             annz + bn + ( = 0");
           system. out . printen! "Enter the values of a, b, & to find
                               out the roots of the equation");
           Scanner sc = new Scanner (system.in);
           System. out. prient ("Entre value of a:");
            this. a = sc. nentlnx();
            system out print ("Enter value of bi"),
            this. b = sc. nextInt();
            gystem. out. print ("Enter value of e:");
            this. C = Sc. nextInt();
        ķ
       double calculateD(){
          double D = (b x b) - 4x(a * c);
          1000) ji
               return -999;
               return D'
          }
        void Display Result (double D) {
             double ri, rz;
         ķ
             if (D== -999)
                  system. out . print ("Rooks are complex");
              else
               r, = (-b + Math sgrt (D)) /20,
                 12 = (-b - Nath, sqr (D)) /2a;
              B soften out printer ( " FOOKS ONE: " + " 7 " + " ," + " 7);
      public static void main ( soving augs [3) f
          Realsotution 15 = new Realsolution();
          ys. accept ();
          double Discriminate = 15. (Ol alow D();
          rs. display Result (Distriminate),
       3
```

Expected OIP: A quadratie commandion is of the form ax^2+bx+c=0 Enix values of a,b,c in order to find Rooks of ean. Ever vame of a: 1 Enter value of b:0 Enter volue of C: -1 ROOKS are: -1.0, 1.0