LAB PROGRAM - I ALGORITHM

Step 2: Enter the values abc

Step 3: Whate der = b²-yac

Step 4: if dec>6

**soots = (-b ± 16²-yac)/2a

**a rook are real Kunequal

dec = 0

roots are real Kegya)

dec<0

roots are imaginary

```
import java. util. scanners
   class Epolion Pro
                      war and it is the
   g
       public statec void main (string [] args)
   139 1 con 139 1 1 1 1 mg 1 0 1 35 1 1 1 2
          int a, b, c, d, f=0;
    Scanner Sc = new Scanner (System. in);
           system. out. printin (" In Enter the values of
                                  ۵, ا ، ، ، ، طره
    a = sc.next Inf();
     b = sconext Inf ();
     c = Scinex+ Int();
     d=(b*b)-(4*a*c);
    of ( d==0)
   5
       system.out.print In ("Roots are real and equal");
         F=1;
  else of (d>0)
     systemooud. Printin ("Rook au real and uneque").
        f=1:
    3
 else
  System-outoprintin ("Rooks are imaginary");
```

4t (t = = 1) S flood r1 = (- b+Math. sqrt(d1)/(2°a); float

float system. out . print In (" Roots au : No 11 + 11 + 11 + 12) Bow of whole of allowing the context the fact of Profile People on the sent to a To I ami are doed) allowing too at First