& Print au mai salutions to the quadren's equation. an ebute = 0. import java. util. scanner; public dars quadretic main (string [7 angs) public static void Scanner input = new scanner (system. i'm); system out println ("Enler the first coefficients) ind u = input. next ant (1) system. out. Mintin ("Enter the schend coefficients) int b= input. next ant (1', int Dz b\*10 - 4+ a+c; (050 ) \$5 2 yetem. aut. print in 1" she voor ane great & distinct as a superior int vi= C-6 + Muth-squt(D) / (2\*41); int 1 = (-b - Mouth-sq. ++ (A) / (2+a) 3 system. out. print In ("x,="tr,), system out - minter (:" x = " +x); de if (0==0) 1 in system. out-printing ( "Roots are real & int v = 16 / (2+a)? system. Out. mint in ("-00+="+7);

elve system. ent. print in (" Rooks are 1 maginary"): 3 Algorithm: sty1: start step 2: input a,b,c step 3: 26 a=0; print "invalid", stepy: cloc det = b + b - 4 x a x c step 3: 91 det >6 ~ = (-b+ 1 b1 - 400 / 12a 71 = (-b + 162-4ac) / 2a step6: dicif det=0 step 7: No real soin stars: con. 1 whom ?

Nowhard: start input a, b, c a=0 Oct 20 F det=0 ston

```
1
21
1
Roots are real and distinct
R1 = -0.04772752 R2 = -20.952272
ANJALI 1BM22CS043
Process finished with exit code 0
```

Enter values of a, b, c: