

Emport glatic java larg. Hath sgert; emport static java larg. Math. abs; public class QF } public static rold main (strang[] cogs). Scanner Pn = new Scanner (System. 80);
System. out. posintln (Finter a, b' & c:') Pot a = Po. next Int (); Put b = Pn. next Int (); Port c = Po. nextInt() System. oud. pountles ("Invaled Prysit for a"). I 9ml d = b+b - 4+o+c; System. out. possoth ("Roots are made distanch").

Shoot 911 = [float) (-b+ 599t (D)) / 2 ta:

System. out. possoth ("Roots are" +914 "8" 199) System. out. position ("Roots one neal & equal").

Float 911 = 912 = (float) (-b/9+a).

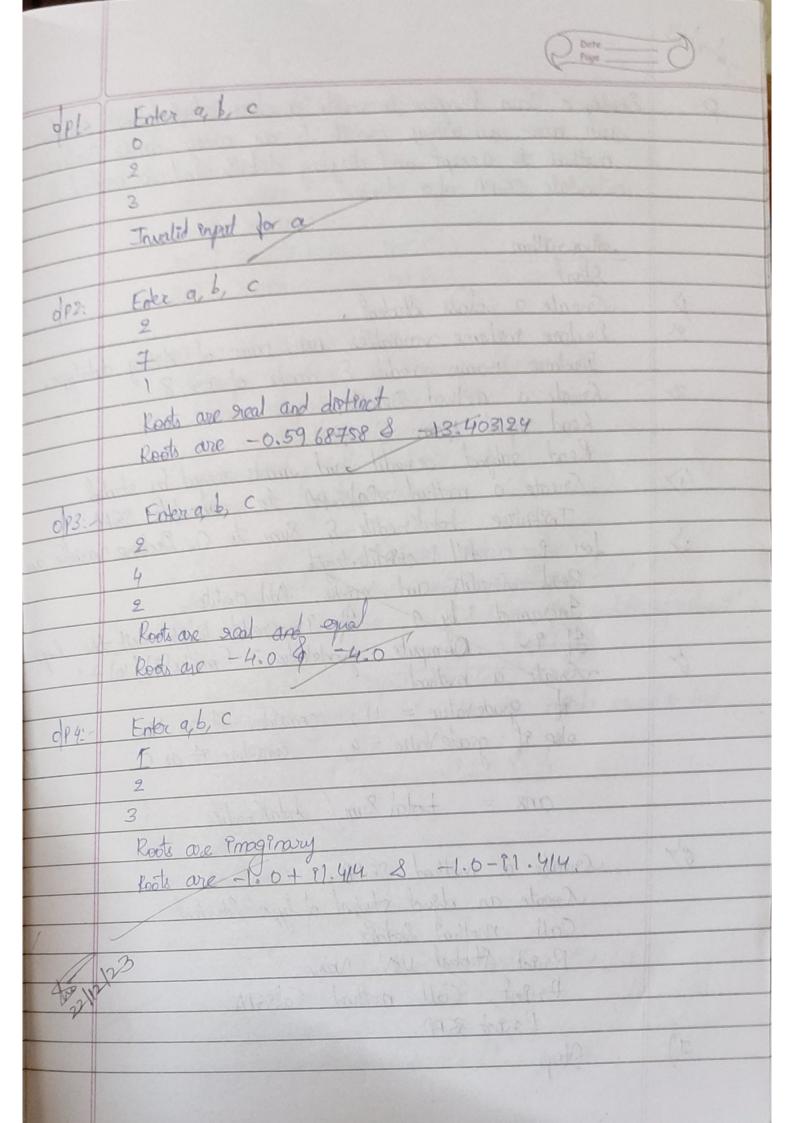
Rystem. out. position ("Roots one" +911 "3" +912). 9 (20) { Rysem.out. pointln ("Roots are ?magerary");

float 91 = (float) (-6/2*a);

float 92 = (float) (899+6HD)/2*a);

System.out. pointln ("loots are "+91+"+"+912+

"3"+91+"-2"+912);



```
C:\Users\bmsce\Desktop\1BM22CS001>java QE
Enter a,b,c
0
2
3
Aakanksha V R 1BM22CS001
Invalid input for a
```

```
C:\Users\bmsce\Desktop\1BM22CS001>java QE
Enter a,b,c
Aakanksha V R 1BM22CS001
Roots are real and distinct
Roots are-0.5968758 & -13.403124
```

```
C:\Users\bmsce\Desktop\1BM22CS001>java QE
Enter a,b,c
Aakanksha V R 1BM22CS001
Roots are imaginary
Roots are-1.0+i1.4142135 & -1.0-i1.4142135
```

```
C:\Users\bmsce\Desktop\1BM22CS001>java QE
Enter a,b,c
Aakanksha V R 1BM22CS001
Roots are real and equal
Roots are-4.0 & -4.0
```