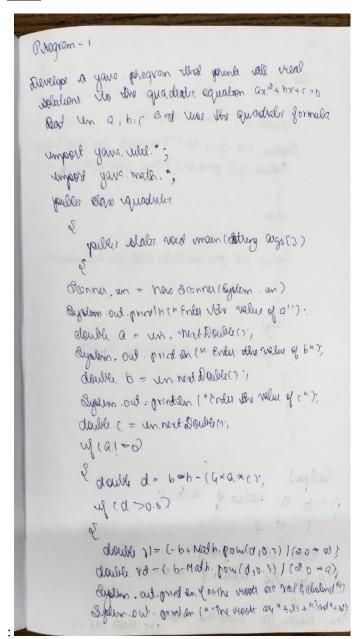
LAB PROGRAM -1

Develop a Java program that prints all real solutions to the quadratic equation ax2+bx+c = 0. Read in a, b, c and use the quadratic formula. If the discriminate b2-4ac is negative, display a message stating that there are no real solutions.

CODE



OUTPUT:

```
C:\Users\bmsce\Desktop\1bm21cs062>java quadratic
enter the value of a,b,c
1 2 3
the roots are imaginary
C:\Users\bmsce\Desktop\1bm21cs062>java quadratic
enter the value of a,b,c
1 2 1
the roots are real and equal
the roots is-1.0
C:\Users\bmsce\Desktop\1bm21cs062>java quadratic
enter the value of a,b,c
3 2 1
the roots are imaginary
C:\Users\bmsce\Desktop\1bm21cs062>java quadratic
enter the value of a,b,c
4 6 2
the roots are real and distinct
The roots are-5.75and-6.25
```