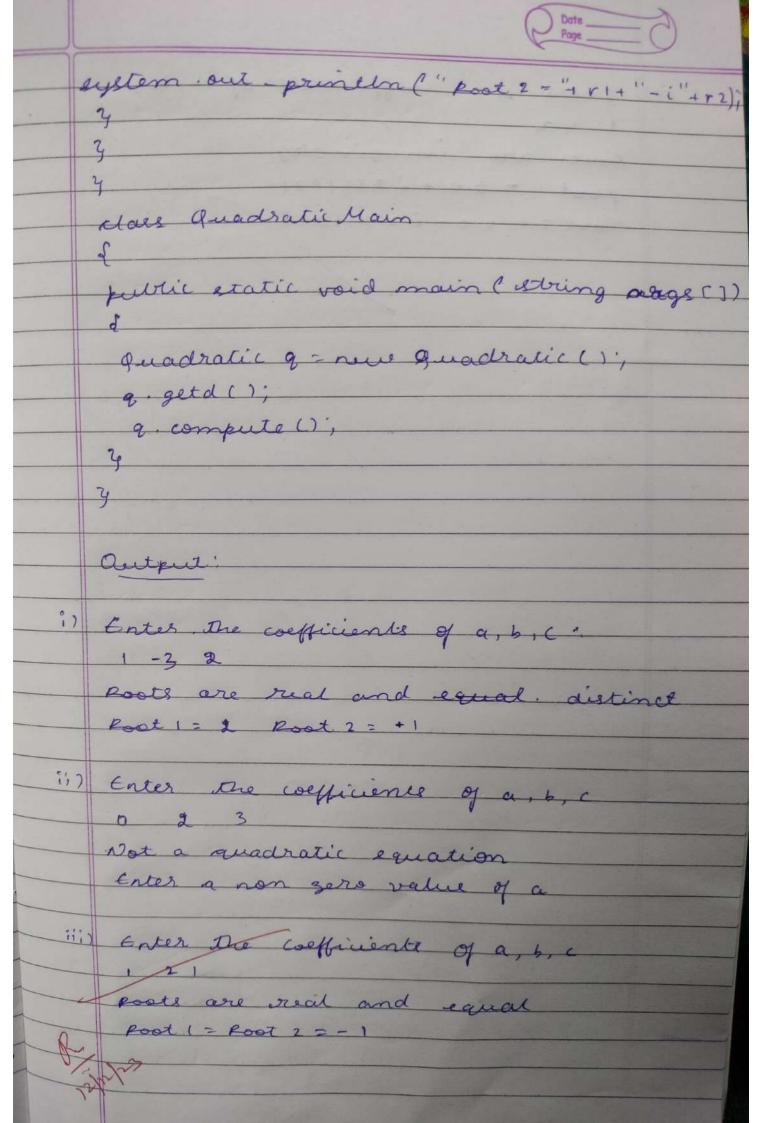
Late Prog 1: quadratic Equation import java util scanner; class Guadratic & int a, b, c; double ri, rz, d: void getd() Scanner 5 - new Scanner ( System, in 1; System out println ( "Enter the coefficients of a, b, ('); a=S. next. Trt(); b=S. next Int(); c 2 S. pont Int (); void compute () ushèle (a==0)

```
System out println ("Not a quadratic
system out, println ( "Enter a n
zero value for a; "1;
Scanner 5 = new Scanner ( Systemia);
a - s. nent 1 nt ().
d=b*b-4*a*c;
if (d = = 0)
 r1 = (-b) /(2 *a)
system. out println ("Poots are real
and equal ");
system out print (" poot 1 = poot 2 = "
else y (d>0)
11= (1-b) + Math. sqrt (d) 1) ((double) (2*a)
122 ((- 6) + Math , sqr. 1 (d))/(double) (2°a);
System out println (" Poots are real
and distinct");
eystem, out println (" poot 1 = "+ r 1 + "poot?
= "+ r2);
else if (d 40)
 system, out, printent
imaginary ");
r1= (-b) 1(2+a);
   = Math Sqft (-d)/(2+a);
System, out, println ("Post 3 =
```



sold the coefficients of a,b,c

1 1 2

Roots are imaginary

Poot 1 = 6.6 + i 0.321824

Root 2 = 0.6 - i 0.322825