Develop a Java program that prints all real soil to
the quadratic egn ax2+bx+c=0. Read in a, b, c and we the
@ quadratic formula.
import java. util. Sonner;
class Quadration (10)
1 - (070) Cald as ) / ( (cho tago a toma) - (a-) 1- cr
int ashecha want of the property of
druble 11,12,d; 1 die
void getd()
1 (arb) 4 (2) x
Scanner s= new Scanner (systemin);
System.out. printlo ("Enter the coefficients of
in the dange");
a=S. neltInt(); torre
-b=snext Int(); tree to many
C= S next Int();
3
Void compude ()
3
cohile (a==0)
· ·
System out princip ("Not a quadret is que tim)
Systemout, printin ("Enter a non zero value
for a: ");
Scinner S= new Scinner (Systemin);
Q=2.nex+In+();
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
d=b*b-4*a*cy
;f (d==0)
{ +1 = (-b)/(2*a);
System out printing " froots are secul and equal
System out-printin ("Root = Root2 = +x1);
2

else :f(d)o) 71 = (CD) + (Math. sgx + (d))/(double)(2+a); 72=((-b) - (Math. sqxt(d)))/(double)(2+a); Systemant prints ("Roots are real and distinct) Sortem out println ("Roots="+x1+" Root 2= 1 +12); else if (dro) 171=1(-b)/(2+a);11000 v2= Math. sgrt (d) (2 fa) System out printing "looth" + x1+"+1" + x2); System. out. println ("Root2="tx1+"-1"+x2); (o-fo) slikes class Quadratic Main public static void main (string W args) Quadratic q = new Quadratic (); q. getd ()'s wind & sound 9. computa (); (14.7.1. System wat printer ("Sanketh in Hances 160 10 1 1BM72 (57 62");

output:
fater the coefficients of a,b,c;
121
poots are real and equal
Root 1 = Root 2 = -1.0
Sanketh M Hanasi IBM22CC242
Enter
342
Roots are imaginary
Root 1 = 0.0 + 1 0.10854159678
Root 2 = 0-0 - 10. 10854159678
Sanketh M Hanasi IBM22CS242
Enter
1.3 5
Roots are real and distinct
200t8 = -1.0 Poot2 = -2.0
Sanketh M. Hanasi IBM22CS242
MW.
1,2/Ny
2
The state of the s