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
a quadratic formula.
import java, util. Sanner;
class Quadratio
1 (COTO) CARD SOUND FOR VERMINE (A) CONTRACTOR
int abic;
duble 11,12,d;
void getd()
(07/2) (1/2)
Scanner s=new Scanner (system.in);
System.out. printlo("Enter the coefficients of
ash(c");
a=S.nextInt();
b=snextInt();
C= S. nextInt();
<u>\$</u>
void compude ()
3
while (a==0)
System out print not a quadratic question?
Systemout, println ("Enter a non zero value
for a: "");
Sanner S= new Sanner (System.in);
Q=S.nex+Int();
The state of the s
d=b*b-4*a*c;
it (4==0)
$\{ \pi_1 = (-b)/(2^*a) \}$
System out printing "Roots are real and equal?
System out. println ("Root = "00+2="+x1);
3
Dean.

else :f(d) o) 71 = (Ch) + (Math. sqx+(d))/(docuble)(2*a); 72=((-b) = (Mathaget(d)))/(double)(2+a); Systemant printer ("Roots are real and distinct) Sortem out, println ("2004="+x1+" Root 2 +12); else if (dro) ri= (-b)/(2*a); rz= Math. sgrt (d) (2ªa); System out, printing "loots" + x1+"+7" + x2); System. out. println ("Root2="+x1+"-1"+x2); (0=0) slike Quadretic Main public static void main (Atring W args) Quadratic q = new Quadratic (); q. getd (); g. compute (); System painter ("Sanketh M Hanas) 18mmzcszuz");

Output: Enter the coefficients of a, b, c; poots are real and equal Root1 = Root 2 = -1.0 sanketh M Hanasi 1BM22CS242 Enter 342 Roots are imaginary poot 1 = 0.0 + 1 0.10884189678 Root 2 = 0-0 - 10, LOSSUIS 9678 Sanketh M Hanasi IBM22CS242 Enter 132 roots are real and distinct 200ts = -1.0 Root2 = -2.0 Sanketh M. Hanasi 1BM22CS242