

//	Lab Bogsam - I
	Develope à Java program that prints all real
	countions to the anadoatic equation ax + bx+c=0.
//	Read in a,b,c and use the quadrotic formula.
	Of the discriminant bo- hac is negative, display
	a message stating that there are no real solutions
	1/01/20ported 0.6(4) 10
	impost java. util. Scanner:
	class Quadratic
	Le Marilibricho milio
	Pot a,b,c;
	double 81, 82, d;
	void get d()
	of all hooks back 120 -
	Scanner s = new Scanner (System in);
	System. out. println ("Enter the coefficients of a,b,c");
	$a = s \cdot \text{next Int}();$
	b= s. next Int ();
	c = s. next Int();
	9
	void compute ()
	9
	while (a==0).
	Y Frank
	System. out print la ("Not a quadratic aquation");
	system-out. print/n("rates a non-zero value"
	a = 5. Dex + 2n+ ();
	$d = b^*b - H^*a^*c$
	$\frac{d-b^{*}b-7d}{(d=-0)}$
	j (a==0)

	0.1 = (-b)/(0.5) $0.1 = (-b)/(0.5)$ $0.1 = (-b)/(0.5)$ $0.1 = (-b)/(0.5)$
	System-out point in ("Rols are real & equal").
	System. out point in ("Point = Root 2 = "+ 21).
-/	4
1	else if (dso)
- 11 404	N
	71 = ((-b) + (Math-sqx+(d)))/(double) (6xa);
	2 = ((-h) - (Math · sqx + (d))) (double)(2/a);
	Que otem, out - priod 10 ("Root 1 = +01+ +) 70
	Sy stem. out. pointh ("Root1 ="+81+"-1"+82);
	y
1	hose Color of States
+	3 Cat day bigg
_	V
-	class Quadratic Main
	( Cotion of the
-	public étatic void main (strong args[])
_	
	Quadratic q = new Quadratic ();
	q-geld();
	q, compute();
	() attended head
	. •
	System. out. printin ("Shashanke, IBM22 (5254");
	Output:
0	
Y	Enter the coefficients of a, b, c
	routs are imaginary
	300+1 = -1.0 F 11. 22H7 HH 87/391589
	500-12 = -4.0 = 11.224744871391589
(2)	Enter the all 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Enter the coefficients of arbic
×	roots are equals
	re equals

PAGE NO : 000tl = 000d2=-1-0 Poles the conflicients of a,b,c roots are real and distinct 800+1 = -0-2679491924311288 root 2 = -3 . 732050807568877 Done by Shishank c 18M22CS254 ); (20);