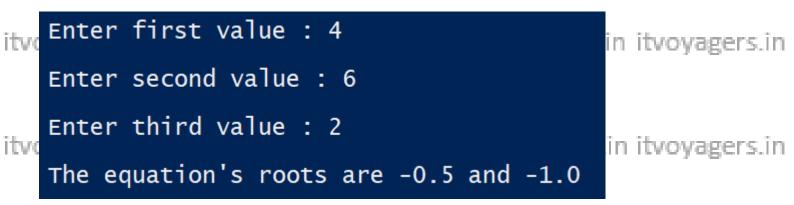
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1. Accept integer values for a, b and c which are coefficients of quadratic equation. Find the solution of quadratic equation.

	+ ►	Quadraticjava x	
itvo	1	<pre>import java.util.Scanner; public class Quadratic</pre>	tvoyagers.in
	3	{	,-0
	4 5	Quadratic() {	
	6 7	<pre>double a, b, c, res, res1, res2; Scanner s = new Scanner(System.in);</pre>	
	8	//Author -> ITVoyagers, visit -> itvoyagers.in	
itvo	9 10	<pre>System.out.print("\n Enter first value : "); a = s.nextDouble();</pre>	tvoyagers.in
	11	System.out.print("\n Enter second value : ");	, .
	12 13	<pre>b = s.nextDouble(); System.out.print("\n Enter third value : ");</pre>	
	14	<pre>c = s.nextDouble();</pre>	
	15 16	<pre>//Author -> ITVoyagers, visit -> itvoyagers.in res = b * b - 4.0 * a * c;</pre>	
itvo	17		tvoyagers.in
	18 19	if(res > 0.0) {	,-0
	20	res1 = $(-b + Math.pow(res, 0.5)) / (2.0 * a);$	
	21 22	<pre>res2 = (-b - Math.pow(res, 0.5)) / (2.0 * a); System.out.println("\n The equation's roots are " + res1 + " and " + res2);</pre>	
	23 24	} //Author -> ITVoyagers, visit -> itvoyagers.in	
itvo	24	gers.m itvoyagers.mitvoyagers.mi	tvoyagers.in
	25 26	<pre>else if(res == 0.0)</pre>	
	26 27	i res1 = -b / (2.0 * a);	
	28 29	System.out.println("\n The equation's root is " + res1);	
	30	//Author -> ITVoyagers, visit -> itvoyagers.in	
ita es	31 32	else {	hounders in
ILVI	33	System.out.println("\n The equation has no real roots.");	tvoyagers.in
	34 35	} System.out.println("\n");	
	36	}	
	37 38	<pre>//Author -> ITVoyagers, visit -> itvoyagers.in public static void main(String[] args)</pre>	
itw	39 40	{ new Quadratic();	tvoyagers.in
10.97%	41	}	wwyugers.m
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Output:



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