Expt. No. 1 QUADRATIC EQUATION

Page No. 29/9/20

import java. util. scanner; class evadean & public static void main (String args []) } intidouble a, b, c, d; double 71, 72; scanner get = new Scanner (Systemin); System.our. printin C" Enter the three coefficients according decreasing power of n: \n"); a = ger.nextDouble (); b = get.nextDouble(); c = get-next-Double(); system out. printinch a=" +a+" b="+b+" c="+e); d= b*b - 4°a *c; if (d>0) & System.out. printin ("Roots are real and we qual"); ri = (-b+ Math. sqrl (d))/(20a); 82 = (-6 +- Nath. sqr/(d))/(20a); system .out. println (" In 11 = "+ 1+ "72 = "+82); else 16 cd=0) & System.out. printin ("Roots are equal and real"); 71 = (-6) (2 a); System. out. printer ("In r = "+81); } System out: printtn ("Roots are Imaginary"); Teacher's Signature: _

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