WEEK1

hopam 7 DATE: PAGE: import java . whil scannon; main (tring ang () inta; int s; iti scanner st = new scanner (on term in) pints (" Foto the value a= st newInte B= SI, nout Int B C= 51. nont Int ();
d= b*b-(4*a*c) (a=20, system out printly ("The equation o not quadratic"); hatte ("The not are les and equals), system ad pritter (12) de i Jystom and mirth (The roots are head and distinct");

11: (-b.t math. sq.t (d)) / (2*a).

12: (-b.t. - North. sq.t (d)) / (2*a):

Sylem. ord. printla (21+","+12). else (1) The 1000 are imaginate System ord 12 = Math , Eget (Math, abs a) (" The work are 45 Syst(12); Enter the coefferiors a,b, c roof are his his have us la 1.0+ 11. 41421356 1.41421356 - 11.41421356

Command Prompt × Imaginary roots.Roots are -0.5+i0.8660254037844386 C:\Users\bmscecse\Desktop\1BM21CS030>javac Quadratic.java C:\Users\bmscecse\Desktop\1BM21CS030>java Quadratic.java Enter coefficients 1 1 1 Imaginary roots.Roots are -0.5+i0.8660254037844386and -0.5-i0.8660254037844386 C:\Users\bmscecse\Desktop\1BM21CS030>java Quadratic.java Enter coefficients
1 2 3 Imaginary roots.Roots are -1.0+i1.4142135623730951and -1.0-i1.4142135623730951 C:\Users\bmscecse\Desktop\1BM21CS030>java Quadratic.java Enter coefficients 2 5 2 Roots are real and distinct. Roots are -0.5 and -2.0 C:\Users\bmscecse\Desktop\1BM21CS030>java Quadratic.java Enter coefficients 0 1 2 Not a quadratic equation C:\Users\bmscecse\Desktop\1BM21CS030>java Quadratic.java Enter coefficients
1 2 1 Roots are equal and is equal to -1.0 ·\lisers\hmscecse\Deskton\1RM21CSA3A