NAME: - TASMIYA FATHIMA
Date Develop a Java Perogram that points all sual solutions to the quadratic equation $ax^2 + 5x + c = 0$. Read in a b, cand use the quadratic formula 21 the discreminale $b^2 - 4ac$ is megalive display a message staking that there care us oreal solutions. umport Java. ubil. *; class quad public Static void mais (String [] angs) double D; count; Scauner sc = new Scaunce (System in). System out pountles (" \n Enter the Values of a, b, c") a = SC. mext Lut (); b = SC. mext But (). C = Sc. next lut (). \$ D = (6*6) - (4 * a *c). r of (D = = 0 edystem. Out println ("Roots acce real and equal"); (court = 1. else if (D>0) System. and print In (" Roots are real and unequal "). court = 1.

COMPASS Date: Justum. Out. pouitty ("Roots are singinary"). if (count = = 1) double r = ((-b + Math. 8qrt (D)) / (2*a));double r = ((-b - Math. 8qrt (D)) / (2*a));System. Ord. printles ("Roots are: "+r1+" "+r2);
3