Week-3 (LAB-1) Java program that prints all real solutions
to graduatic equation an +bn + c=0.

display a message saying there are no

great Solutions public class Rots of QE &

public static void main (String args [ ]) {

double Root 1 = 0, Root 2 = 0; } Scanner Sc = new Scanner (System in); System out printh (" Consider a guadratic equation); System out printh (" Enter the value of a:"); double a = Sc nent Double); System out printly (" Enter the Value of ("); double C = Sc. nent Double (); double determinant = (b\*b)-(4\*a\*c); double Byrt = Math- Light (determinant); if (determinant > 0) {
 Root 1 = (-b + Sapt)/(2\*a);
 Root 2 = (-b - Sapt)/(2\*a); System. out. peuntlin ("Roots are real and distinct System. out. purth ("Roots are" + Root 1 + "and" + Root 2); if else (determinant = = 0){ Root 1 = (-b) (2 ta); Root 2 = Root 1; System. out partly ( Roots are equal and real?);

Sixtem out o prentled "Roots are" + Roots + "and" + Roots );

else {
Suptem out printle (" There are no real solutions;
}

}