Week - 3 1) Java program that prints all real Solutions to quadratic equation an + bn + C = 0. If discrimate b-4ac is negative, display a message saying there are no real solutions. import gava. util. scanner; public class Rootsofte {
public static Void main(String args[]){ double Root 1 = 0, Root 2 = 0; System. out. println(" Consider of a:");
System. out. println(" Enter the Value of a:"); double a = Sc. nentDouble (); System out pointly "Enter the Value of b:"); double 6 = Sc. nent Double (); System, out . println ("Enter the Value of (:"); double C = Sc. nentDouble (); double determinant = (b\*b)-(4"a"c); double Sgrt = Math. Sgrt (determinant); if (determinant >0){ Root 1 = (-b + Squt)/(2\* a); Root 2 = (-b - sgrt)/(2\*a); Root 2 = (-6 - sqrl) / () = 2; System. out. println (66 Roots are "+ Root 1 + and" + Root 2); Obe 36.

System. ont. println (6 There are no real Solution).