* LAB-1 :1, Develop a Josa Program that prints all real dolutions to the quadratic equation ax2+bx-10=0 Read in a, b, a and use the quadratic formula. If the disaminant b'-now is nigative, display anissage "No real dook"; 50100 import java util . Dyphyman +; public static void main (String Rugs []) } Class Main ? Sconne input = new Seanne (Gystem.i's): system.out.println ("Enter the wuffuients a, b.and c"); int Sindri int a = input. nexInt(): int b = input. next FrtO; Ont c = input. next Frat (); 100 if (municipal (6)(6) - 4 *a*c) < 0) { System.out.println (" No Real 200K auroloble"); etti ((((() () - 4 x a v e = = = 0) } System.out. puintin (" The Root an equal"); MIN 2, = -b/(2xa); System.out.pninlln (" Root rolue is", +2,);

else if (b) + b - 4 x a x c > 0) }
RI= (b+ 69rt (b+b-4+a+L)) /2+a;
12= (-b = sgrt (b+b-4*a*L)) (2*a);
System.out.println(" Thinas two recolond
different 200ts in the 200ts are"
+ 21 + "and"+ 22);
3
3
* Digorinum:
>> step 1: Start
-> steps 2: Input a, b, and [log icients]
-> step3: colulate diouniminante.
b2-4ac.
- steph: check if 62-hac <0, hines
a vial Na a vil a a ak
⇒ step 6: if b2-4ac =-0, then
print both 2004 arregued and seed.
Step 6: if 62-402 to trumpaint
roots are different and real, and
purt the 2001s.
> Sty7: RND.

* Outputs * Ender one Co-officients a, b, C: → The loot are equal and the value is = -1.0. * Entel the wouldients a, b, c: -> The 2006 are Inaginary. * Entel the coopeients a, b, () - The roots are distinct and made and in · rollie of 200 Hau 3.D and 2.D