Dato 02 10 12020

	02.10 202
	Algortim
_ step 1x	Starting to the starting of th
step 7 ;	Declare the required variables
- step3 *	Indicate the use to enterthe coefficients of the
W S	quadratic equation by displaying suitable colonice
	Junction -
C +	lating input from user
Step 4t	410,C
step 57	50.01.52
sty>6	- if (d>0)
	roofs are Real q distinct.
	roots ares (-b+sqrt(D))/(2*a) gand
	(-b-sqr+(D)) (2*a)
	esoff (p=0)
	printf equal roots & feal roots & feal (2+a)
	rotot 13b/(2+a)
	roj; are [-6 +sgrt. (-D)) / (2*a) and
sten 7	(-b-sqrt(-D)):/(2+a)
- 31EP 7	7 510)
	A STATE OF THE STA

SONA ROOPA Page No
Date D2 1 10 1 2020

Code import java util. *; import jave lung *;
class quadratiquation {
 public static void main (string args CI) Scanner in = new Scanner (Systemin); double a.b.c.d. root 1, root2; System out print In ("Enter A, B and ("); a = in next Double (); b > in . nent Double (); C= in . next Bouble 1); d = 6*6-4*a*c; if (d==0) System.out. print!n (Poots Are Real q similar \n Robt is " + (-b)/(2*a)); if (d>0) root 1 = (-b + Math-sqr + (d)) / (2 + a); rooks = (-67 Math. sgrt (d))/(2*a); System out println ("Roots are Real and distinct troolst if (d < 0 root 1 . -6/(2 xa); root 2 = Math sort (-d) / (2+a) System. Dur. println (" Poots aren imaginary" + roots +" "+

root 2 +" i and " troots + " "+ root2+" i");