03/10/23 write the an algorithm to find the greated among three numbers (it 100 mails) Q1: Step 1: START THE PROCESS Step 2: Read the values of variable A, B and c step 3: if A>B then goto step 4 else goto Step 5. step 4: if A > c the print "A is greater" else print "C is greater". Steps: B>c then print "B is greater" else print "c is greater " Step 6: STOP THE PROCESS. Write an algorithm to check whether the 02: given number is positive or regative or zero. Step 1: START THE PROCESS Step 2: Read the value of variable " " step 2: Compare 170 then print "n is positive else goto step 4. Step 4: Compare n < 0 then print "n is regative" else goto steps. steps: if n == 0 print "n is zero" Step 6: STOP THE PROCESS. write an algorithm to solve a quadratic Q3: egu: $ax^2 + bx + c = 0$ x = -b + (62-40c

 $b^{2}-4ac = 0 \Rightarrow x = b/2a$ $b^{2}-4ac > 0 \Rightarrow sc_{1} = -b + Sqrt(b^{2}-4ac)/2a$ $b^{2}+4ac > 0 \Rightarrow x_{2} = +b - Sqrt(b^{2}-4ac)/2a$ $b^{2}-4ac < 0 \Rightarrow boots$ are imaginary