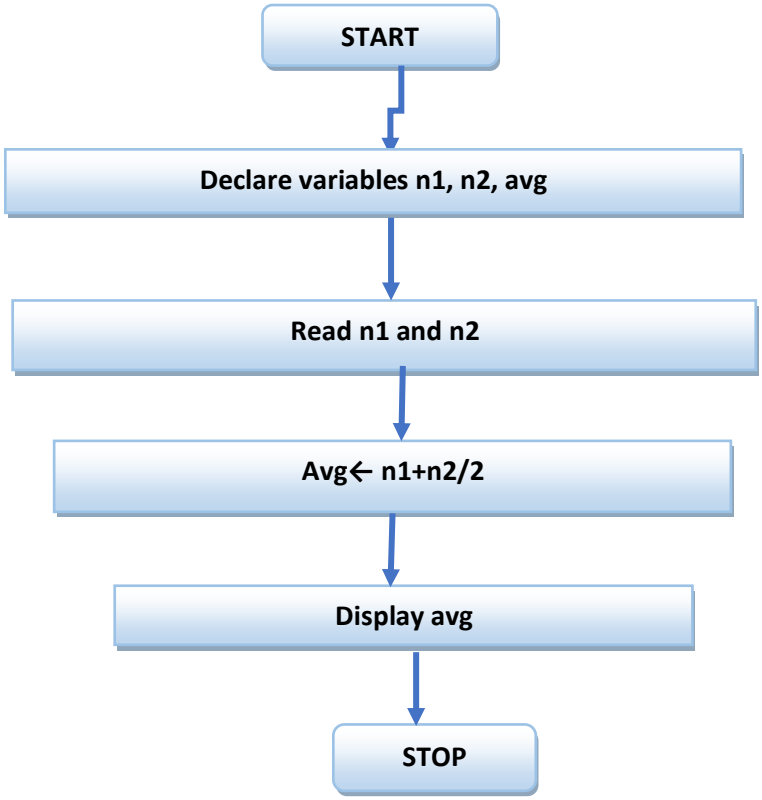
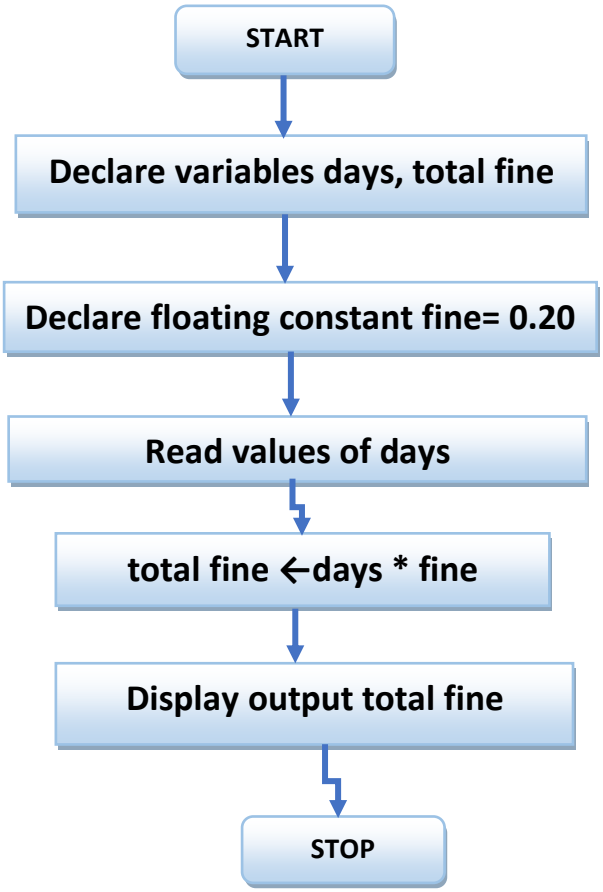
1.Step 1: Start
Step 2: Declare variables n1, n2, avg
Step 3: Read values of n1 and n2
Step 4: Add n1, n2 and divide them with 2
avg=n1+n2/2
Step 5: Store the value in variable avg
Step 6: Print the value of variable avg
Step 7: Stop



2.Step 1: Start
Step 2: Declare variables days, total fine
Step 3: Declare floating constant fine= 0.20
Step 4: Read values of days
Step 5: Multiplydays with fine
total fine ←days * fine
Step 6: Store the value in total fine
Step 7: Print the value of total fine
Step 8: Stop



4.Step 1: Start

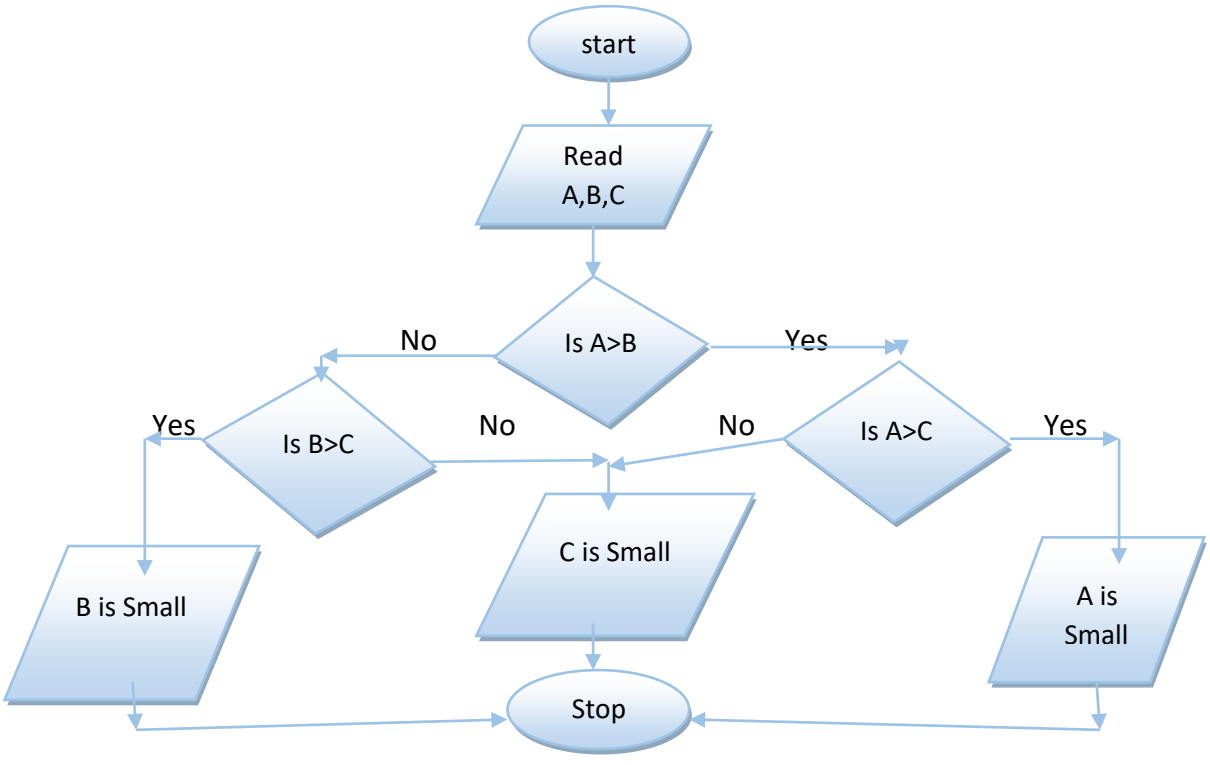
Step 2: Declare three variable a, b, c

Step 3: Compare a with b and c. If a is smaller than b and c than a is smallest among three numbers

Step 4: Compare b with a and c. if b is smaller than a and c than b is smallest among three numbers

Step 5: Else c is smallest among three numbers

Step 7: Stop



5.Step 1: Start

Step 2: Enter the value of a, b and c

Step 3: After getting these values, the program calculates the value of discriminant, dis= b^2-4ac

Step 4: It checks the value of discriminant whether it is less than zero or greater than zero

Step 5: If the dis< 0, the roots are imaginary

r1 = -b/2a +√dis*i/2a

r1 = -b/2a -√dis*i/2a

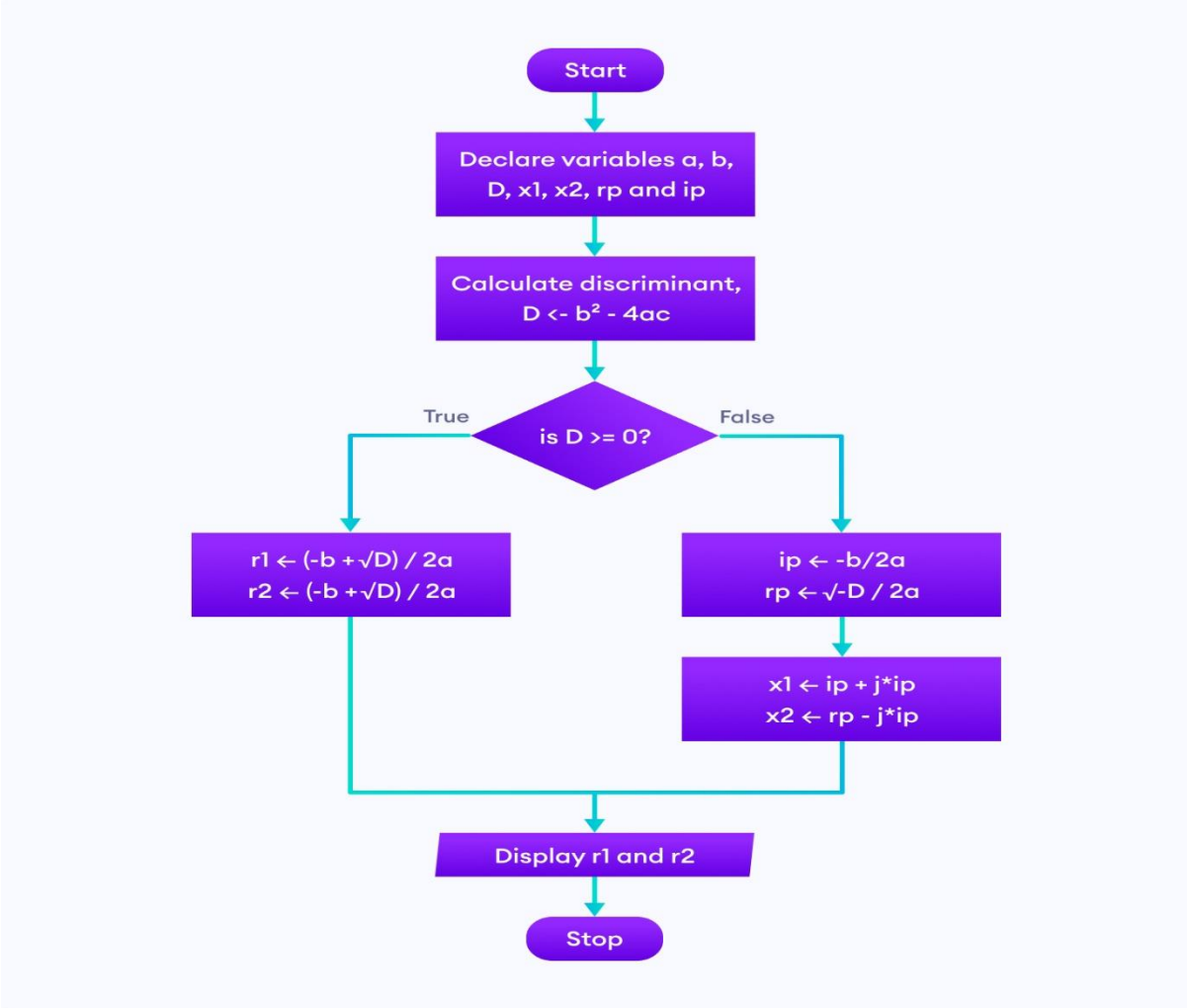
Step 6: Otherwise, there exist two real roots: r1 and r2

r1 = (-b + √dis)/2

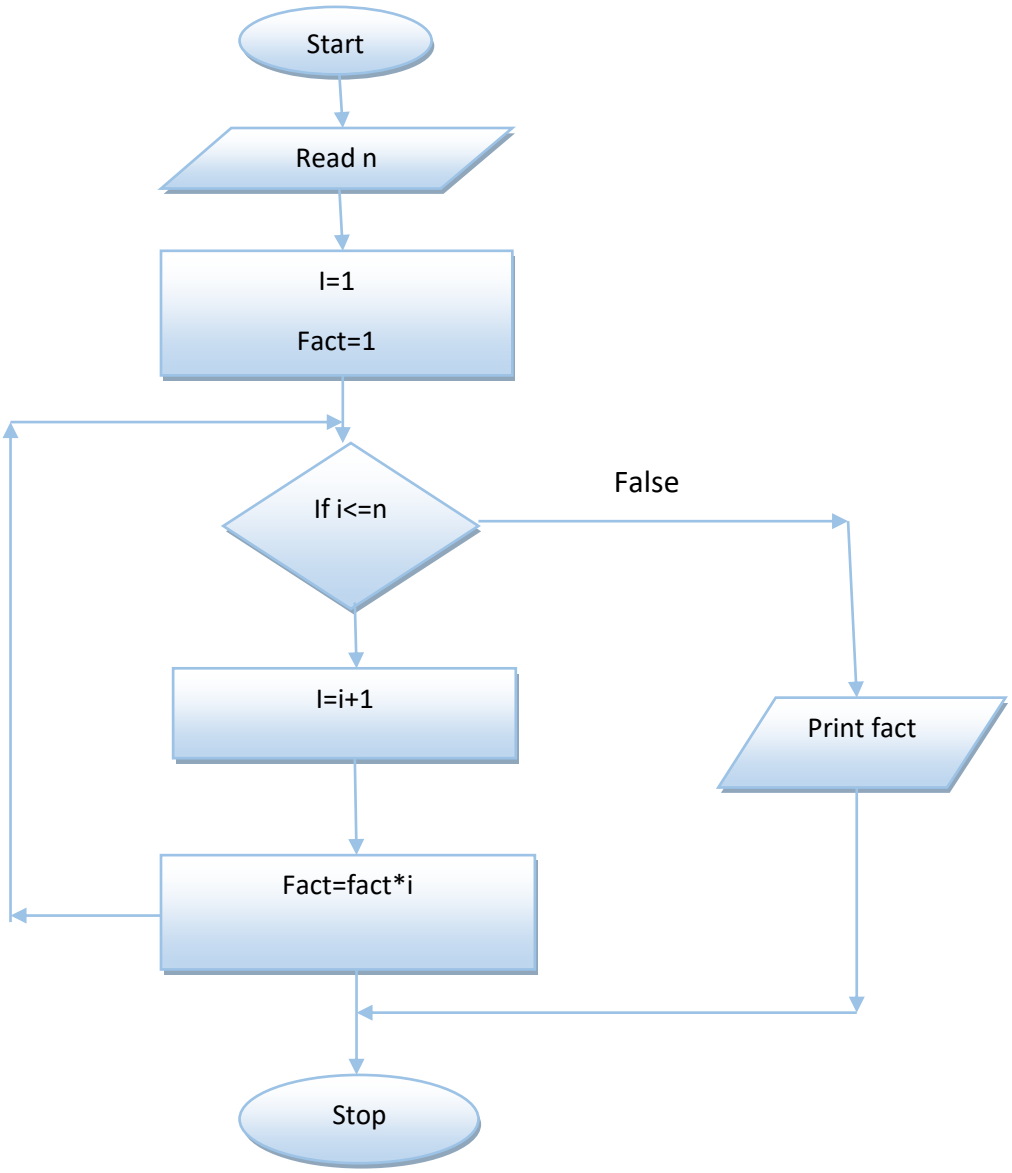
r2 = (-b – √dis)/2

Step 7: displays the roots as output

Step 8: Stop



6.Step 1. Start
Step 2. Read the number n
Step 3. i=1, fact=1
Step 4. Repeat step 4 through 6 until i=n
Step 5. fact=fact*i
Step 6. i=i+1
Step 7. Print fact
Step 8. Stop



3.Step 1. Start
Step 2. Declare variable cost=29.20,discount=0.15
Step 3. Declare variable mainprice,i
Step 4. i=discount*cost
Step 5. Mainprice=cost-i
Step 6. Store mainprice
Step 7.print mainprice
Step . Stop