Flowchart-1 : Maximum of 2 Numbers.

num1>num2

Max(num1, num2)

#calling max function and storing the result in max

Input num1 as int

Input num2 as int

Create a function named max(int num1, int num2)

Declare the variables num1, num2 and maxnum

num1 is max

num2 is max

Flowchart-2 : Roots of quadratic equation.

d>=0

Declare the variables a, b, c as int and x1, x2, d as float

Input a, b and c as int

d=(b\*b)-(4\*a\*c)

Roots are imaginary

x1=(-b+√d)/(2\*a)

x2=(-b-√d)/(2\*a)

Display roots x1 and x2

Flowchart-3 : Area of a circle

Display the area of circle a

Calculate the area

a=22.7\*r\*r

Input the value of radius r in float

Declare the variable a and r as float

Flowchart-4 : Sum of 2 numbers.

Display sum as int

Calculate

sum=num1+num2

Input the value of num1 and num2

Declare the variables num1, num2 and sum as int

Flowchart-5 : Display sum of numbers 1 to 10 using do-while loop (exit controlled loop).

Declare the variables i and sum as int

Print sum

i<=10

Increment the value of i

i++

sum=sum+i

Initialize i=1

Flowchart-6 : Display multiplication table of n using for loop (entry controlled loop).

Declare the variables n and i as int

Input n (the number whose multiplication table the user requires)

Initialize the variable

i=1

Increment the value of i

i++

Print

(n)\*(i)=(n\*i)

i>=10