

Algorithm & Flowchart to find Area and Perimeter of Square

L : Side Length of Square

AREA : Area of Square

PERIMETER : Perimeter of Square

Algorithm

Step-1 Start

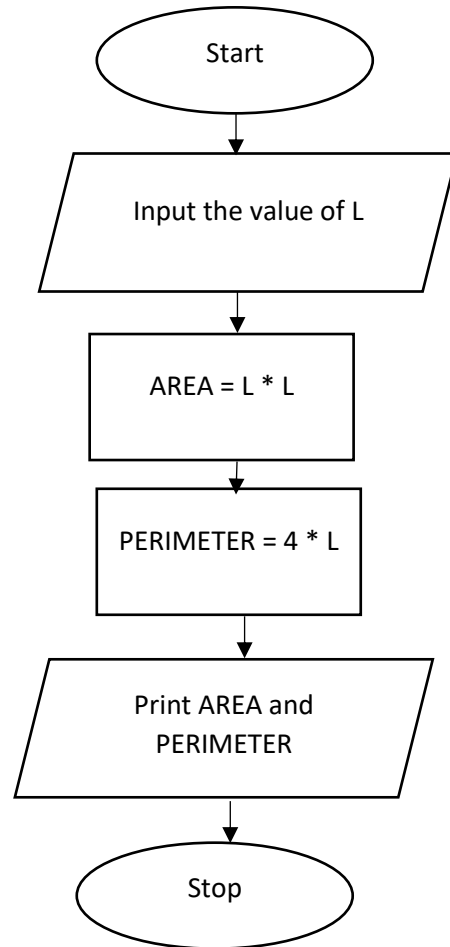
Step-2 Input Side Length of Square say L

Step-3 Area = $L \times L$

Step-4 PERIMETER = $4 \times L$

Step-5 Display AREA, PERIMETER

Step-6 Stop



Algorithm & Flowchart to find Area and Perimeter of Circle

R : Radius of Circle

AREA : Area of Circle

PERIMETER : Perimeter of Circle

Algorithm

Step-1 Start

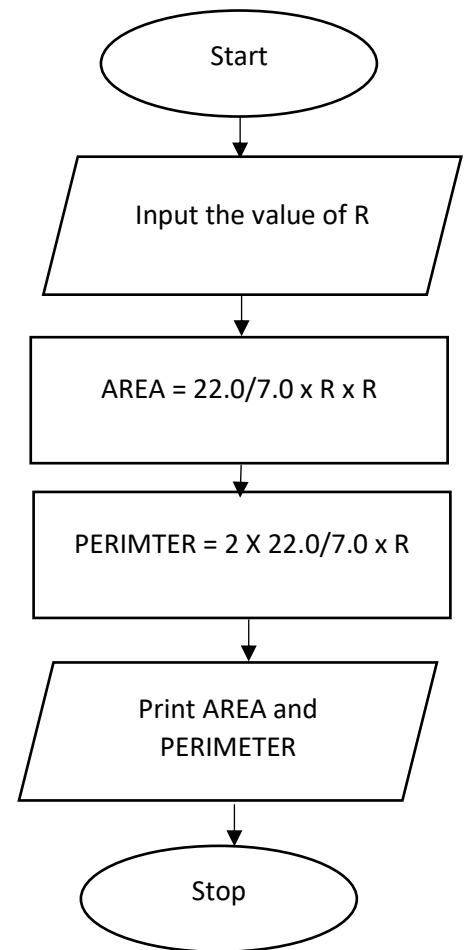
Step-2 Input Radius of Circle say R

Step-3 Area = $22.0/7.0 \times R \times R$

Step-4 PERIMETER = $2 \times 22.0/7.0 \times R$

Step-5 Display AREA, PERIMETER

Step-6 Stop



Algorithm & Flowchart to find Simple Interest

P : Principle Amount

N : Time in Years

R : % Annual Rate of Interest

SI : Simple Interest

Algorithm

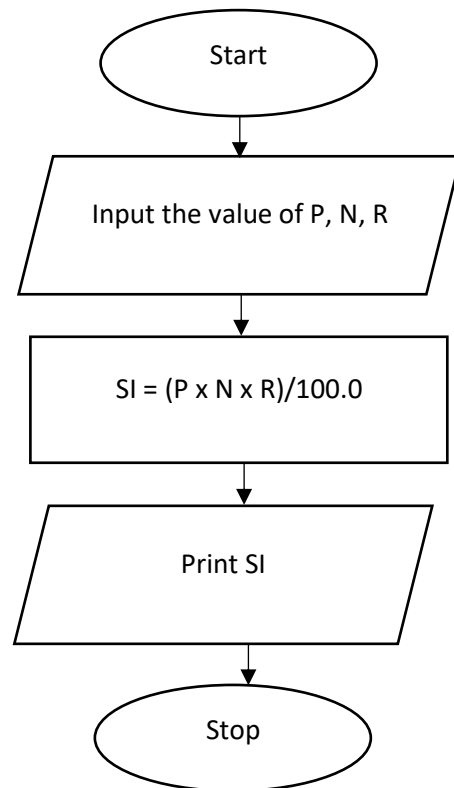
Step-1 Start

Step-2 Input value of P, N, R

Step-3 $SI = (P \times N \times R)/100.0$

Step-4 Display SI F

Step-6 Stop



Algorithm & Flowchart to Swap Two Numbers using Temporary Variable

Algorithm

Step-1 Start

Step-2 Input Two Numbers Say NUM1, NUM2

Step-3 Display Before Swap Values NUM1, NUM2

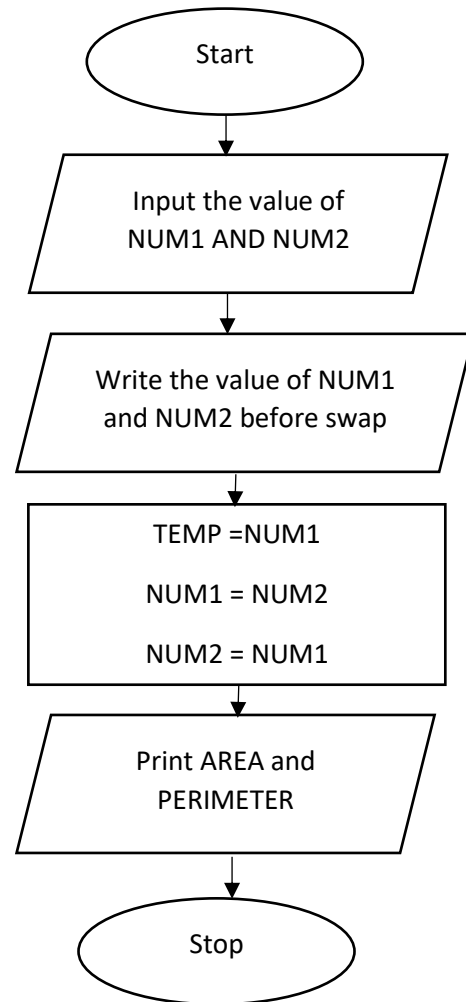
Step-4 TEMP = NUM1

Step-5 NUM1 = NUM2

Step-6 NUM2 = NUM1

Step-7 Display After Swap Values NUM1, NUM2

Step-8 Stop



Algorithm & Flowchart to find the largest of three numbers

Algorithm

Step-1 Start

Step-2 Read three numbers say num1,num2, num3

Step-3 if num1>num2 then go to step-5

Step-4 IF num2>num3 THEN

 print num2 is largest

 ELSE

 print num3 is largest

 ENDIF

 GO TO Step-6

Step-5 IF num1>num3 THEN

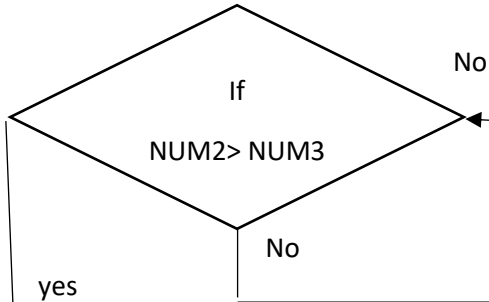
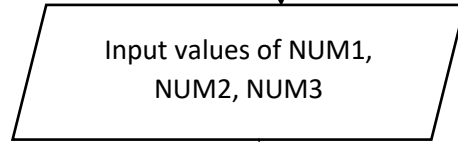
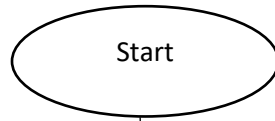
 print num1 is largest

 ELSE

 print num3 is largest

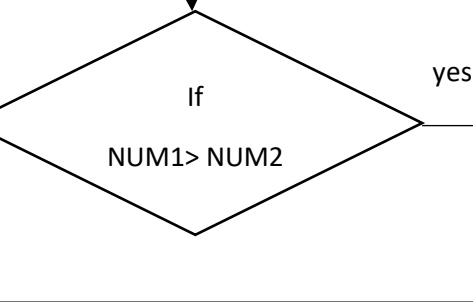
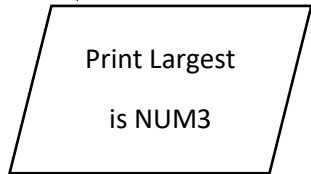
 ENDIF

Step-6 Stop



No

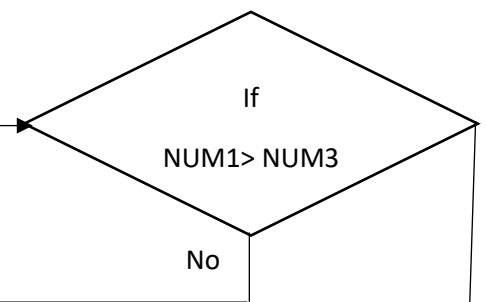
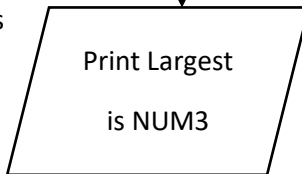
yes



yes

yes

yes



No

