1. Write an algorithm to find the area of the triangle

Step 1: Read H,B

Step 2: Area=1/2\*H\*B

Step 3: Print Area

Step 4: End of the Program

1. Draw a flowchart for adding the integers from 1 to 100 and to print the sum.

Sum = Sum+i

i = i+1

For i=1 to i<100

Input i = 1

Sum = 0

No yes

Print Sum

3.Write a pseudo code to perform the basic arithmetic operations.

1. Start

2. enter 1st variable A

3. enter 2nd variable B

4. Sum=A+B

5. print Sum

6. sub= A-B

7. print sub

8. Mul=A\*B

9. print Mul

10. div=A/B

11. print div

12 end

1. Draw a flowchart to find the factorial of given positive integer N.

Fact = Fact\* I

I =I+1

for I =1 to I < 1

I =1

Fact = 1

Read N

Print Fact

No Yes

6.Write an algorithm to calculate the simple interest using the formula.

Step 1. Read P, R, T

Step2 calculate P \* R \* T

Step3 divide the result from step2 by 100

Step4 Print the result received from step3.

Finish

7.Write an algorithm to find the largest of three numbers X, Y,Z

Step1 read X, Y, Z.

Step2 if X < Y then

Check if X < Z then

Print X

End

Step3 if Y < Z then

Print Z

End

Step4 Print Y

End

8.Write an algorithm which will test whether a given integer value is prime

or not

Step1 Read N

Step2 Set I = 2

Step3 if I < N/2 then

Check if N % I = 0 then

Print not a Prime No.

End

Step4 Is a Prime No.

End

9.Draw a flowchart to find out the biggest of the three unequal positive

numbers.

If A > B

Read A, B, C

If A > C

Yes Yes

Print B

B > C

Print C

Print A

Yes No

Print C

NO