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

step 1- Take 2 inputs base and height.

step 2- calculate area =1/2\*base\*height.

step 3- print area.

step 4- stop.

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

If N<=100

Sum=sum+N

N=N+1

N=1,

Sum=0

yes

No

Print sum

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

1.Read 2 numbers A and B.

2. sum=A+B.

3. sub=A-B.

4. Mul=A\*B.

5. Div=A/B

6. print sum,sub,mul,div.

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

Read N

i=1

fact=1

If (i<=N)

no

yes

Print fact

fact=fact\*i

i=i+1

5. Develop a flowchart to illustrate how to make a Land phone telephone call.

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

Step1 – Read 3 inputs P,T,R.

Step2- calculate simple interst .

si=(P\*T\*R)/100

step3 - print Simple Interst.

Step4- stop.

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

Step1- Read 3 numbers X,Y,Z.

Step2- if(X>Y)

BIG=X

Else

BIG=Y

Step3- if BIG<Z

Step4-big=Z

Step5- print BIG

Step 6- stop

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