

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

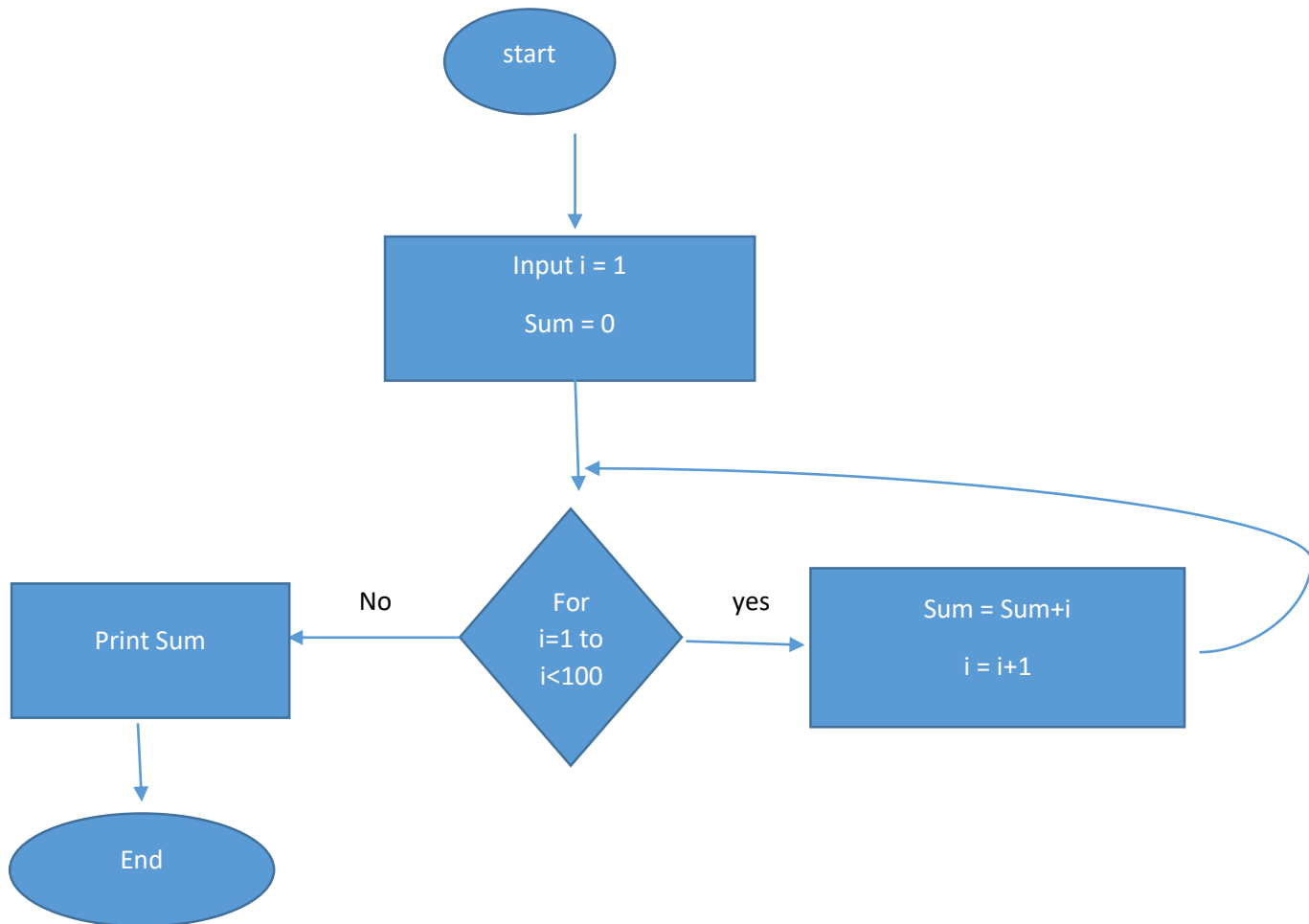
Step 1: Read H,B

Step 2: $\text{Area} = \frac{1}{2} * H * B$

Step 3: Print Area

Step 4: End of the Program

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



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

1. Start

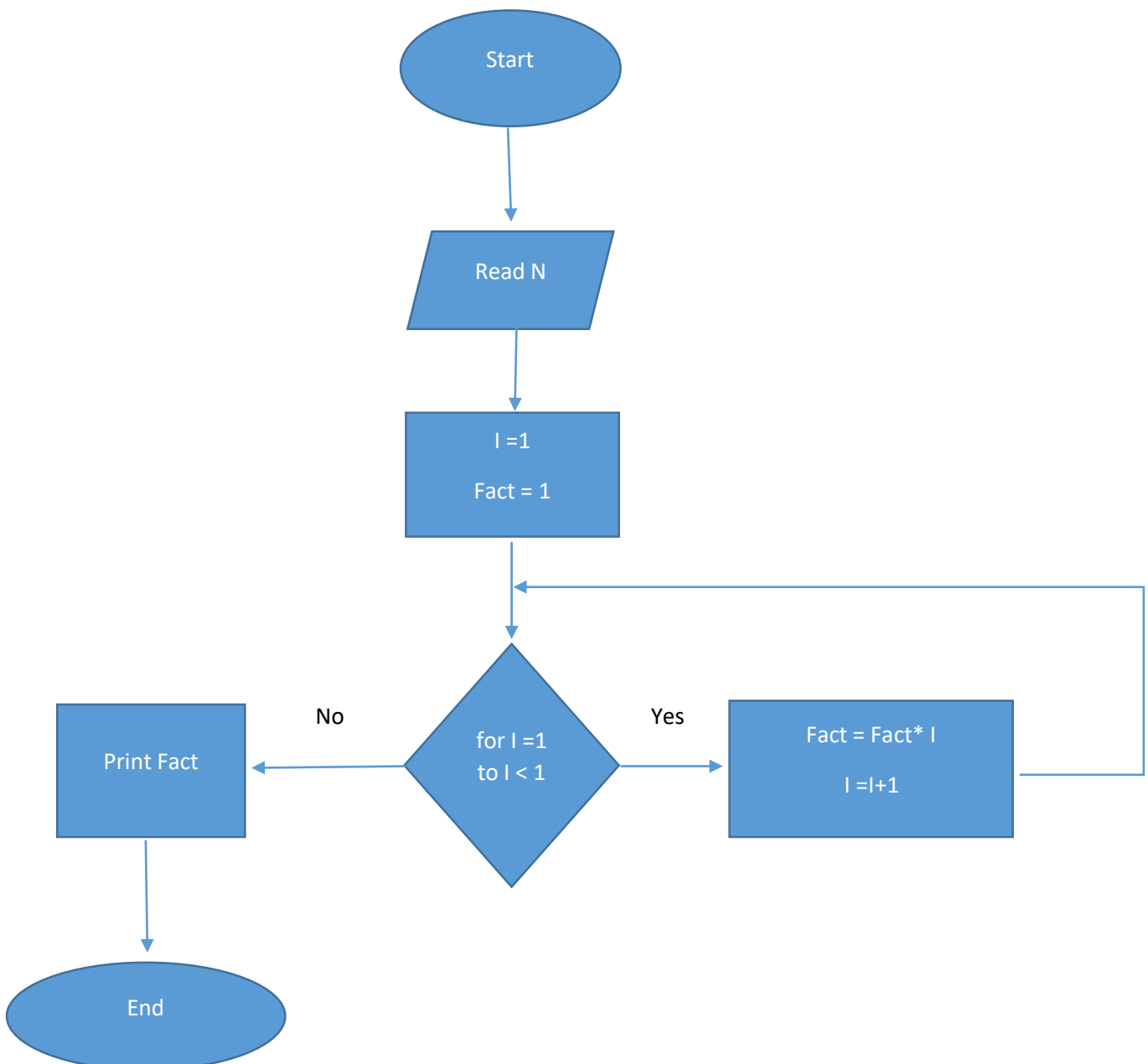
2. enter 1st variable A

3. enter 2nd variable B

4. $\text{Sum} = A + B$

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

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



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.

