

1 Write an algorithm to find the area of the triangle

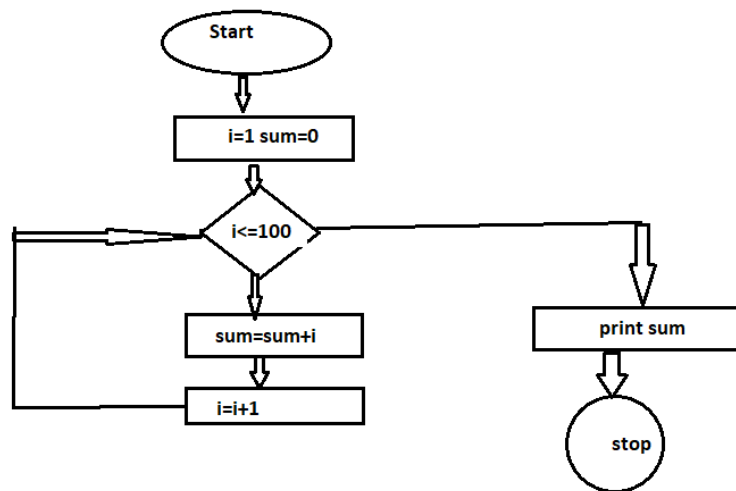
Step 1. Read inputs b and h

Step 2. Calculate area = $\frac{1}{2} * b * h$

Step 3. print area

Step 4. Stop

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.

Step 1. Read inputs a,b

Step 2. Calculate add=a+b

Step 3. print add

Step 4. Calculate sub=a-b

Step 5. print sub

Step 6. Calculate multiply=a*b

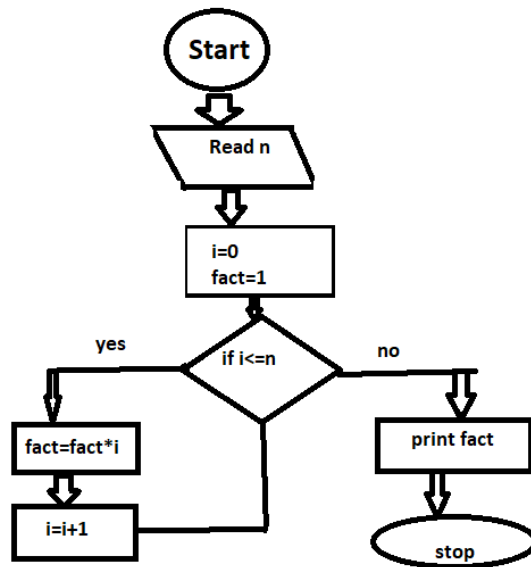
Step 7. print multiply

Step 8. calculate divide=a/b

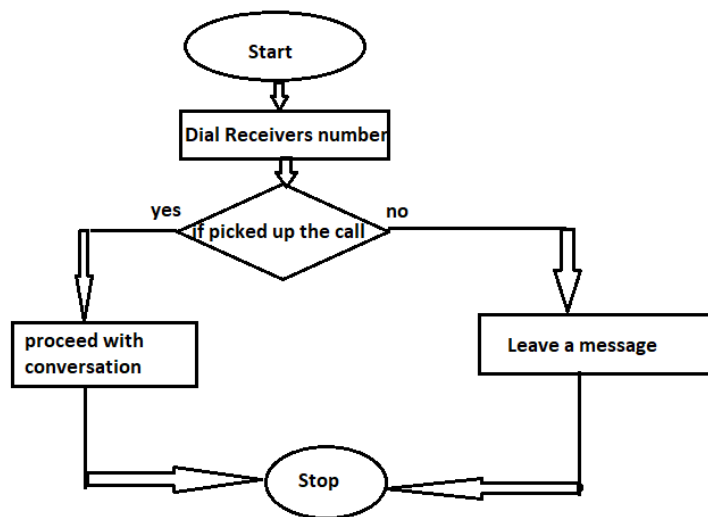
Step 9. print divide

Step 10. Stop

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



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.

Step 1. Read p,r,t

Step 2. Calculate $SI = p * r * t / 100$

Step 3. print SI

Step 4. STOP

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

Step 1. read input X,Y,Z

Step 2. if $X > Y$

max=X

else max=Y

Step 3. if $\text{max} < Z$

max=Z

4. print max

5. STOP

8..Write an algorithm which will test whether a given integer value is prime or not.

Step 1.read input n

Step 2.initialize flag=0

Step 3.iterate i from 2 to $n/2$

Step 4.if n is divisible by i

flag=1

end for

Step 5.if flag==0

print prime

Step 6.else

print not prime

Step 7.STOP

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

