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

Step.1 Read height and width

Step2 calculate ½ \* height \* width

Step3 store the result

Stpe4 print the result

End

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

S = S+I

I = I+1

If I <=100

I = 1

Sum = 0

No yes

Print S

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

Start

1. Read a and b
2. Print a+b
3. Print a-b
4. Print a\*b
5. Print a/b
6. Print a%b
7. End
8. Draw a flowchart to find the factorial of given positive integer N.

Factorial = Factorial \* i

I = i+1

If I <= N

I =1

Factorial = 1

Read N

Print Factorial

No Yes

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

No

Yes

Talk

If call connects

Dial The no.

Pick Up the Receiver

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

**Assignment 2**

[deep@deep-virtualbox Desktop]$ mkdir new\_dir

[deep@deep-virtualbox Desktop]$ cd new\_dir/

[deep@deep-virtualbox new\_dir]$ touch file{1..3}

[deep@deep-virtualbox new\_dir]$ ls

file1 file2 file3

[deep@deep-virtualbox new\_dir]$ cal

January 2022

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

[deep@deep-virtualbox new\_dir]$ cal 2 2022

February 2022

Su Mo Tu We Th Fr Sa

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28

[deep@deep-virtualbox new\_dir]$ date

Monday 28 January 2022 07:48:35 PM IST

[deep@deep-virtualbox new\_dir]$ date +%D

01/28/22

[deep@deep-virtualbox new\_dir]$ date +%T

19:48:51

[deep@deep-virtualbox new\_dir]$ date +%M

48

[deep@deep-virtualbox new\_dir]$ date +%Y

2022

[deep@deep-virtualbox new\_dir]$ pwd

/home/deep/Desktop/new\_dir

[deep@deep-virtualbox new\_dir]$ ls

file1 file2 file3

[deep@deep-virtualbox new\_dir]$ rm file{1..3}

[deep@deep-virtualbox new\_dir]$ ls

[deep@deep-virtualbox new\_dir]$

[deep@deep-virtualbox Desktop]$ rmdir new\_dir/