**ALGORITHM**

**TASK 01: for determining divisibility of an integer.**

1. Start
2. Input

N and n are the positive integers.

1. Check divisibility:

If (n %N==0) ;{

Print: divisor;

If (n%2==0); {

Print: Even Number

Else

Print: odd number;

}

Else

Print: No Divisor;

}

1. END

**TASK: 02**

1. Start:
2. Input:

* Ask user to enter the number between 1 and 12.
* Ask user to enter the list of months.

1. Display the months:

* If n=1

Then

Print: January

* If n=2

Then

Print: February

* If n=3

Then

Print: March

* If n=4

Then

Print: April

* If n=5

Then

Print: May

* If n=6

Then

Print: June

* If n=7

Then

Print: July

* If n=8

Then

Print: August

* If n=9

Then

Print: September

* If n=10

Then

Print: October

* If n=11

Then

Print: November

* If n=12

Then

Print: December

1. END

**TASK 03:**

1. START
2. INPUT

* Ask user to enter two variables.
* Two variables are A and B
* If selecting sign is +

Then

Print: A+B

* If selecting sign is –

Then

Print: A-B

* If selecting sign is \*

Then

Print: A\*B

* If selecting sign is /

Then

Print: A/B

* If selecting sign is %

Then

Print: A%B

1. END

**PSEUDOCODE**

**TASK 01:**

Start:

Input:

* User A
* User B
* User C

Maximum number:

* If (A>B and B>C);{

Print: A

* If (B>A and A>C);

Then

Print: B

Else

Print: C

}

END

# **TASK 02:**

START

INPUT:

* Ask user to enter three variable.
* Three variables are x, y and z.
* X=4,y=5,Z=7

Variable and initialization

* SET sum to 0

PROCESS STEPS

* Set sum to -4-5-7\*-1=16

If sum>0

Then

Print “the sum is positive”

Else

Print “the sum is non positive”

END

**TASK 03:**

# START:

# INPUT:

* Ask user to enter three variable.
* Three variables are A, B and C

# VARIABLES and INITIALIZATION:

* Set sum to 0

# **PROCESS STEPS:**

* If selecting sign is +

Then

Print: A+B+C

* If selecting sign is –

Then

Print: A-B-C

# END