**DAY 1:**

1. Area of circle:

Flowchart:

Display = Area

Calculate

Area = 3.14\*Radius\*Radius

Enter Radius

Algorithm:

Step 1: Start

Step 2: Input Radius

Step 3: area= 3.14 \*radius\*radius

Step 4:print area

Step 5: Stop

1. Multiplication of two numbers:

Flowchart:

Print C

C = A\*C

Input two numbers A and B

Algorithm:

Step 1: Start

Step 2: Accept number one

Step 3: Accept number two

Step 4: Multiply both the numbers

Step 5: Print the result

Step 6: Stop

1. Largest number of two numbers

Flowchart:

A is largest

B is largest

If

A>B

Read two no

A and B

No Yes

Algorithm:

Step1: Start

Step 2: Input the values of A and B. compare A and B

Step 3: If A>B then go to step 5

Step 4: Print “B is largest” go to step 6

Step 5: Print “A is largest”

Step 6: Stop

1. Find whether number is even or odd

Flowchart:

Print A is Odd

Break

Print A is even

If a%2=0

Input from the user

Condition is true

Condition is

false

Algorithm:

Step 1: Start

Step 2: Take input from the user

Step 3: Check condition. If reminder is zero go to step 4 else go to step 5

Step 4: Print a is even and go to step 6

Step 5: Print a is odd.

Step 6: Stop

1. Find all numbers between 1 to 100 divisible by 4

Flowchart:

Increment i

Print value

Condition

If(i%4==0)

Conditions

for(i=0;i<=100;i++)

Initialize variables

Condition is TRUE

Condition is false

Algorithm:

Step 1: Start

Step 2: Initialize Variables

Step 3: For condition

Step 4: If condition. If it is true,then go to step 5 otherwise go to step 7

Step 5: Print value

Step 6: Increment the value of “i” by 1

Step 7: go to step 3

Step 8: Stop

1. While loop

Flowchart:

While(condition)

condition

{

Conditional code ;}

If condition is true

If condition is false

Code block

Statement 1..n

Algorithm:

Step 1: Start

Step 2 :while(true) go to step 4 otherwise go to step 3

Step 3: Go to step 5

Step 4: Execute it

Step 5: End