**Arithmetic Charts**

**Chart For Addition of two Numbers**

Get the value of addition from num

Read num1 and num2

Declare Integer Variable num1 , num2 and num

Add a num1 and num2 and save the value of addition in num

**Chart for the Area of circle**

Declare Radius r of the circle and value of pi = 3.14

Display Area

Calculate area of circle by formula:

Area= Pi \* r \* r

**Decision Making charts**

**Switch case example with flow chart : check weather we have to fine area of circle or Rectangle or Tringle from the input taken from users**

Display Area

Case 3 : Triangle

Area = 0.5\*a\*b

Case 2 : Rectangle

Area= a \* b

Case 1 : Circle

Area=3.14 \* r \*r

Take a input for choice from user

Declare variable a , b and r

Case 1 ,2 or 3

**Flow chart to find out maximum number from a , b , c**

Read a , b and c

Declare variable a , b and c

No Yes

Print c

Print a

Print b

a>c?

b>c?

Is a>b?

No No

Yes

**Looping Charts**

**Chart for check whether given number is odd or even**

Number a is even

If a % 2

Take a number a input form the user

No

Yes

Number a is odd

**Flow chart with for loop**

Take a number a input form the user

Calculate factorial

F=f\*i

For(i=1;i<=a;i++)

Print Factorial