**Flow Charts of Programs**

Arithmetic operators

1. Program to find area of Circle

Area= 2 X pie X r

Print area

Get Input int r

Initialize int r,area

int pie=3.14

1. Fibonacci series

No

Yes

Print sum

Sum=a+b

A=b b=sum

i++

b

I<=n

Initial fibonacci step i=2

Get the input int n

Initialize variable

Int I,n,a=0,b=1,sum=0

Decision Operator

1. Age verifying login

Login fail

Successful

Login

If(Age>18)

Get Input Age

Initialize Int Age

1. To find Greatest divisor of two numbers

Initialize variable a,b,gcd=1, i=1

Get Input a.b

I<=a and i<=b

If(a%i==0&&b%i==0)



Print Gcd

i=i+1

Gcd =i

Loops

5)

F=f\*i

False

True

Print F

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

Get input from user i,a

Initialize variable

Int i,a,f

6)

I=i+1

True

False

true

false

Print j

J =j+1

J<=10

J=i+1

Print i

I<=10

i=1