**Lec-2(C Programming-1)**

1.Some output problem

2.Hierarchy of operator

1st ->\*,/,%

2nd->+,-

Here work left to rightr…precedence like priority

Example

1.1.2+3-4

=5-4

=1  
2.3/2\*4+3/8+3

=1\*4+3/8+3

=4+0+4

=7

3.2+3\*7%4/2-3

=2+21%4/2-3

=2+1/2-3

=2+0-3

=-1

4.2\*3/4+4/4+8-2+5/8

=6/4+4/4+8-2+5/8

=1+4/4+8-2+5/8

=1+1+8-2+5/8

=1+1+8-2+0

=2+8-2+0

=10-2+0

=8+0

=8

Floor and ceil

Floor(3.2)=3

Ceil(4.5)=5

Floor(-4.5)=-5

Ceil(-4.5)=-4

**Control Statement**

**Conditional or Ternary Operator:**

**Ternary:**

Condition?True:false

Example:

X=1

Y=(x==1)?2:3;

Y=2

**Loop**

\*While and do while difference

Infinite Loop

1.for(i=0;i<=5;i--)

2.while(1)

3.for(;;)

4.do{}while(1)

**Switch**

Switch work with characters and integer.Switch must evaluate to a single integral value.

Valid Expression:2+3,5,9\*16%2,’a’,’a’+1(97+1),a,a-b,c\*a-4,

Not working:4.5, I am stay