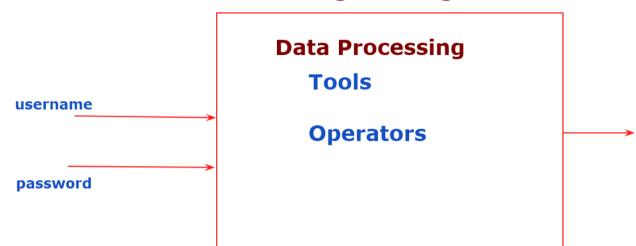
Last Session

-> Logical Session

Todays Session

-> OPERATORS in JAVA

Programming



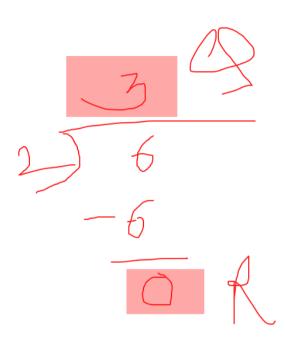
- 1. Arithematic
- 2. Relational
- 3. Logical
- 4. Bitwise (Binary)
- 5. Ternery

if - else?

1. Arithematic Operators :->

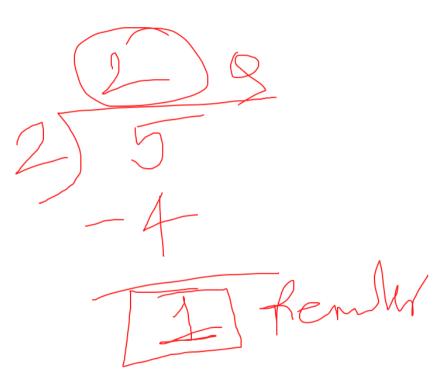
returns remainder of division

Even
ODD
unit palce
tenth palce



WAP to check number is even or odd?

```
int n = 5;
int r = 5 % 2; //1
r == 0
5 / 2
```



```
rev => 321
int n = 123;
int n1 = 456;
n + 10 => op => 133
                               loop
                            123 % 10 => 3
                            123/10 => (int) 12
123 % 10 => 3
                            rev = 3
                            12%10 => 2
int r = 123\%10;
                            12/10 => 1
                            rev = rev*10 + 2 => 32
?r == 3?
                            1 \% 10 => 1
                            1/10 => 0
                            rev = rev*10 + 1 => 321
```

2. Relational Operators :->

These operators always returns result in Boolean (true / false)

Equality operators :->

equals to equals

jay != viru => true

3. Logical Operators :->

1. and => &&

2. or => ||

3. not =>!

Logical Anding

Jay	Viru	Plan
N	N	N
N	Y	N
Y	N	N
Y	Υ	Y

when both the operands are true then result is true

A	В	C
False False True True	False True False True	False False False True
1140	1140	1140

Logical Oring

Jay	Viru	Plan
N	Y	Y
Y	N	Y
Y	Y	Y
N	N	N

A	В	С
f f t	f t f t	f t t

Not operator

```
4 wheeler :-> Air bags
   2-4-6
Accedent?
sensor
  seat belt => true
  pressure => true
```

speeddrop => true

```
airbag = seatbelt && pressure && speeddrop;
```

Bitwise Operator:->



