

Day-4

operators is a special symbol used for particular operation between two operands

eg  $a + b = c$

$+$ ,  $=$   $\Rightarrow$  operators

$A$ ,  $B$ ,  $C$   $\Rightarrow$  operands

types of operators

1) Arithmetic operators

$+$   $-$   $=$   $*$   $/$   $\%$   $//$   $^$   $**$

2) Assignment operators

$=$   $+=$   $-=$   $*=$   $/=$   $\% =$   $// =$   $** =$

3) Relational operators

$==$   $<=$   $>=$   $<$   $>$   $!=$

4) Logical operators

and or not

5) bitwise operators

$\&$   $|$   $\sim$   $<<$   $^$   $>>$

6) special operators

membership operator ( $in$ ,  $not\ in$ )

identity operators ( $is$ ,  $is\ not$ )