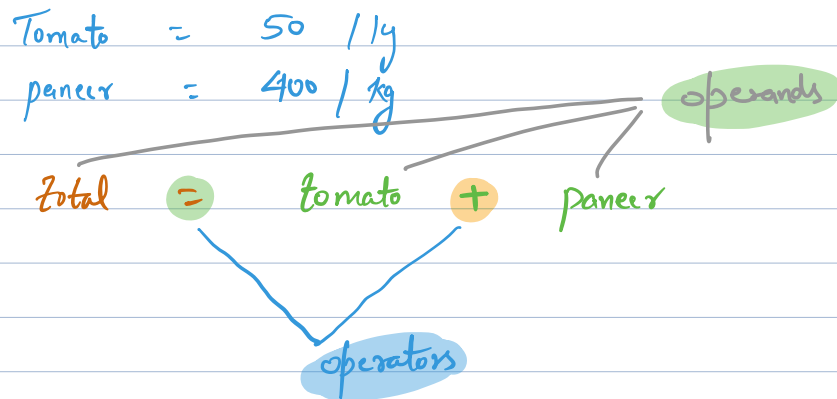


Operators :



Agenda :

- i) Arithmetic operators
- ii) Typecasting
- iii) Comparison operators
- iv) Precedence rule for operators.

i) Arithmetic operators :

+ , - , * , / , // (floor) , % (module) ,
** (power)

i) add (+)

$$5 + 4 = 9$$

$$5.2 + 2 = 7.2$$

if any of the operands is float then
o/p is float

String Concatenation

$$"1" + "1" \Rightarrow "11"$$

$$"Rahul" + "Rahul" \Rightarrow "RahulRahul"$$

ii) subtract (-)

$$5 - 4 = 1$$

$$5 - 2.5 = 2.5$$

you can't subtract strings.

iii) multiply (*)

$$5.1 \times 1 = 5.1$$

$$2 + 2 + 2 \Rightarrow 6$$

$$3 \times 2 = 6$$

$$\text{"s"} + \text{"s"} + \text{"s"} = \text{"sss"}$$

$$\text{"s"} \times 3 = \text{"sss"}$$

iv) divide (1)

$$5 / 2 = 2.5$$

$$6 / 2 = 3.0$$

div (1) will always return float value

⇒ BEDMAS : (improvised BODMAS)

- ↳ Bracket
- ↳ Exponent (**)
- ↳ Div, mul, modulus, floor
- ↳ add, sub.

★ Type Conversion :

i) int (-)

⇒	"text"	x
⇒	"2"	✓
⇒	2.5	✓
⇒	"2.5"	x

ii) bool