int a = 4;

Pre Incremental

↳ System.out.println(++a);

++a → 1st increment

Output → 5

Post incremental

↳ S.O.pln(a++); →

Output → 5 → a → 6

Assignment operator (=)

```
int a=5;
int b;
  b=a;
S.o.pln(b);
```

Output — 5

```
int a=6
int b=5;
int c;
S.o.pln(c);
```

+=

```
int a = 5;
a = a + 6;   → 11
a += 6;
```

-=

```
int a = 10;
a = a - 2;   → 8
a -= 2;      → 8
```

*=

```
int a = 100;
a = a * 10;  → 1000
a *= 10;     → 1000
```

/=

```
int a = 1000;
a = a / 10;  → 100
a /= 10;     → 100
```

Relational Operator

↳ > → a>b → greater than (5>2) → true

< → a<b → less than (2<10) → true

>= → a>=b → greater than or equal to (20>=100) ↳ false

<= → a<=b → less than or equal to (10<=100) ↳ true

== → a==b → equals → (50==100) → false

!= → a!=b → not equals → (50!=60) → true

Ternary Operator

```
int a = 10;
int b = 20
int p = (a+b>20) ? (a+b) : -1;
```

condition → (a+b>20)
true block → (a+b)
false block → -1

p = 30;

```
a = 5;
b = 2
p = -1;
```

```
int a=40;
int b=60;
int sum=a+b;

String res=(sum>50)?
          "True":"False";
S.O.println(res);
```

output → True

Print True
if sum is greater than 50
otherwise print False

✓ true
True

```
S.O.println("res");
      res
S.O.println(res);
```

Add Last digits

a = 24632

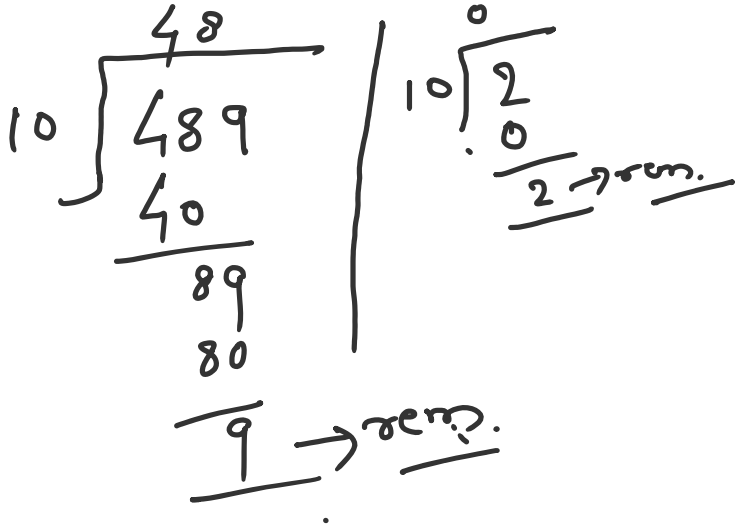
b = 489

↳ 2+9 = 11

24632

last digit of a = a % 10 = 2

last digit of b = b % 10 = 9



```
int a = 23456
int b = 9873
int la = a % 10;
int lb = b % 10;
int sum = la + lb;
S.o.p(sum);
```

↳ 9

10 | 23456 → 6

100 | 23456 → 56

1000 | 23456 → 456

(0 to 9)

10 → 0 to 9

100 → 0 to 99

```
int a = 9/5;
```

a = 1

```
float a = 9/5;
```

a = 1.8