System.out.print (10); $\longrightarrow$ 10

1.) End each statement with a semi colon [;].

2.) Case sensitive → 'S' in System must be
                              in uppercase

3.) System.out.print (" Hello : "); $\longrightarrow$ Hello!

   To print text we use double quotes

System.out.println ("Hey"); $\longrightarrow$ Hey
System.out.print ("Bye");   Bye

```
System.out.print (10);        10 20 30
System.out.print (20);
System.out.print (30);


System.out.print (10);        10 20 ↵
System.out.println (20);      30
System.out.print (30);


System.out.print (20);        20 22
System.out.print (22);


System.out.print (4+9-2);  ──→ 11
```

+ has two behaviours

+ → Addition
when both operands are numbers

$$number + number \rightarrow number$$

+ → Concatenation
Even if one operand is text then
it will concatenate

$$text + text \rightarrow text$$
$$text + number \rightarrow text$$
$$number + text \rightarrow text$$

System.out. print ("Hi" + 10);   → "Hi10"

System.out. print (8 + 2 + "10" + 1 + 0);

$$8 + 2 \rightarrow 10$$
$$10 + "10" \rightarrow "1010"$$
$$"1010" + 1 \rightarrow "10101"$$
$$"10101" + 0 \rightarrow "101010"$$

Variables

x

| 50 |

int

int   x = 50;

data type ←┘

name of
variable

$$\{ -6, -1, 0, 5, 10, ...\}$$

Integers

```
System.out.print ("x");    ──────→    x

System.out.print (x);    ──────→    50
```

Print the value of that variable

Print the sum of two variables,