

Jora

La Pointing

Lo Conditionals

La Looping

If you are just starting out

Printing

System.out.print.ln("Let's gooo...");

Output:

Let's gooo...

Anythiney provided here in double quotes (" ") will be printed as it is.

System.out.println ("One");

System. out. println ("2+3")

System. out. famintlm ("546");

Output: One 2+3

5 < 4

```
brintln vs brint
```



paintly -> Prints the output and because the curson in the next line. Next output hence will be pointed from the next line.

point - Will leave the curson in the same line.

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL**

- PS C:\Users\jitma\OneDrive\Desktop\Temp> javac Main.java
- PS C:\Users\jitma\OneDrive\Desktop\Temp> java Main Next output will be printed in nextline This should be printed in nextline
- PS C:\Users\jitma\OneDrive\Desktop\Temp> [

Operatoris



Arithmetic Operators

Arithmetic operators are used to perform common mathematical operations.

Operator	Name	Description	Example
+	Addition	Adds together two values	x + y
-	Subtraction	Subtracts one value from another	x - y
*	Multiplication	Multiplies two values	x * y
/	Division	Divides one value by another	x / y
%	Modulus	Returns the division remainder	x % y

$$2+5=7$$
 Same as common maths $8-3=5$

5/3 [integer division will ousult in loss of decimal bart)

$$5/3 = 1$$

Modulo operator -> remainder when a is devided by

Usage;

a'/.b -> returns oremainder

Operator	Name	Example
==	Equal to	x == y
!=	Not equal	x != y
>	Greater than	x > y
<	Less than	x < y
>=	Greater than or equal to	x >= y
<=	Less than or equal to	x <= y

a operator b -> Produces binary output, tenne on L false besed on conel.

```
J Main.java
        public class Main {
            public static void main(String[] args) {
                 System.out.println(3 < 4);</pre>
   3
                 System.out.println(5 <= 5);</pre>
   4
                 System.out.println((3 * 2) == 9);
   5
                 System.out.println(4 != (2 * 2));
   6
                 System.out.println(56 >= 12);
                 System.out.println(45 != (45 % 100));
   8
   9
  10
 PROBLEMS
            OUTPUT
                     DEBUG CONSOLE
                                     TERMINAL
 PS C:\Users\jitma\OneDrive\Desktop\Temp> javac Main.java
PS C:\Users\jitma\OneDrive\Desktop\Temp> java Main
true
 true
 false
 false
 true
 false
 PS C:\Users\jitma\OneDrive\Desktop\Temp>
```



just hard code values? Who can't we

L> VARIABLES ARE CONTROLLABLE

Data types

byte

Short

1,3, 46,-72, 42976

int

long

chan > 'a', 'f',

1*', 'd', '&'

boolean -> tour /false

float 32.7 64.0 double 3 -9.8

La Different Size (you don't have to memorize that
as of now)

Range is calculated using size of a fanticular datatype