Day 3: Expressions, Statements, Blocks, Branches

Comparison Operators

==	equal to
!=	not equal
>	greater than
<	less than
>=	greater than or equal to
<=	less than or equal to

Comparison operators turn non boolean things into boolean u.

Logical operators

A	B	!A	A && B	A || B	A ∧ B
true	true	false	true	true	false
true	false	false	false	true	true
false	true	true	false	true	true
false	false	true	false	false	false

int x;

int y = (5+1);   6

Statement

System.out.println("Hello World");

Statement

double z = 15/8;   // 1.0
                int   int
                        1

double e = (double)15/8;   // 1.8
                15.0 / 8.0

y++;   →   y = y+1;

++y;   →   y = y+1.

```
--y;                    y    .=)
y--;
    y += 2;
```

Blocks:

```
{
    <Statement 1>
    <Statement 2>
}


int   x = 5;

{
    int  y = x + 1


}

int   z = y + 7      // y isn't in scope
```