UNIT 3: Boolean Expressions + if Stademonts

Recap

40 Boolean - Pata type that evaluates to true or false

& Boolean Expession - Evalvates to wetter Something is true or folse

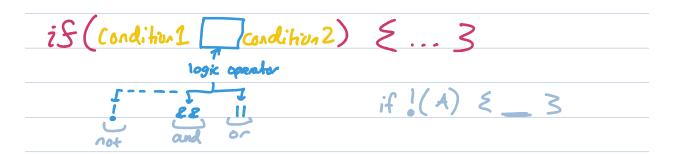
Relational Operators

equal not great great less less than to to the caual than equal than equal than equal equal

$$(2.0 = = (4.0 - 2.0)) \rightarrow true$$

int
$$a = 7\% 2; \frac{2\sqrt{7}}{-6+1}$$
(a>2); \rightarrow false
1>2

de Control Flow - We can	disrupt our liflour
	portions of code
only when	he mont to
	is the
is Statement - Rus o	code if Sorethy is twe.
if (boolean emession) &	X ex
Il code to run	boolean is Raming = true;
_3	if (is Raining = = true) {
else if (anoth expession) {	System out printh ("Bong!")
	3
Ucode	else \(\xi
3 enly runs	System.out.priatlu("It isn't rainling!");
else E when the code of the provious it	£ , 3
11 code to no	
3 •	
×	if (expression) &
×	if(zmexp) &
	11 code 11
	3 else E3 Lil
	3
	else {/shH3
	71.31011



De Morgan's Laws

(I(AR)B) - IA II !B

Short-Circuit Evaluation



