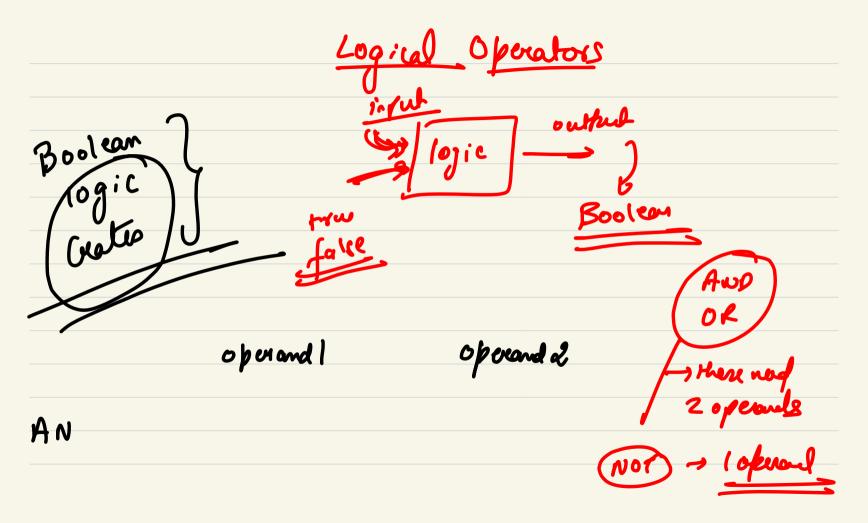
(n) Shih var 2=10; ? ( ) 6 a cre slack

## Relational Operators

operand | < operand &



CHATE AND GATE OR GATE NOT operanda operal

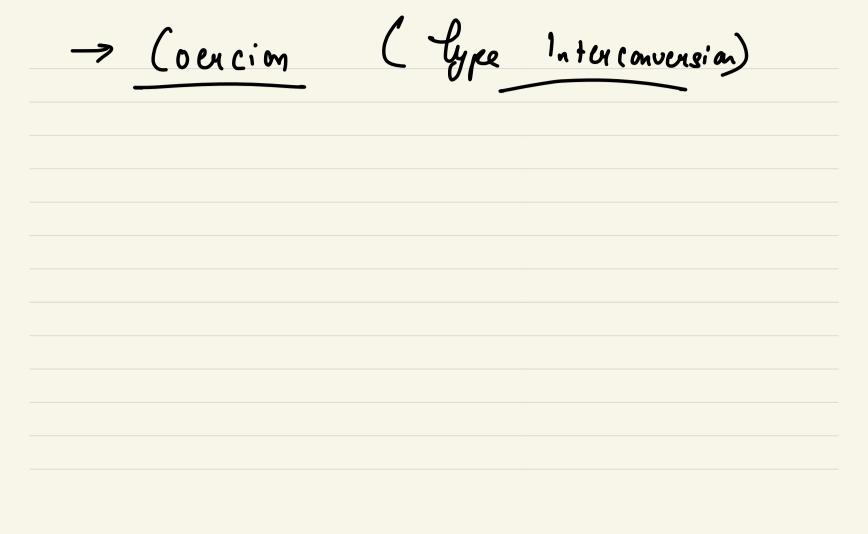
## AND

X	У	X AND Y		
false	false	false		
hu	false	false		
false	hous	false	NOT	
here	bue	true	8	output
			hup	fare
	0 &		folk	hree
Χ	Y	XORY	7	
false	false			
false	ha	falle		
hu	false	kw		
hae	Kae	ru		

console.log (true & & false)

Lalse (consolerley ((10>5) & & (6 < 3))

what values ave faley rull undefind afact from the energy +0,-0, NaN false



AND && 6) X AND Y false false false false false hu NOT false false bug output falle true true true 00 X OR Y false false kug hu Ku false hus haq

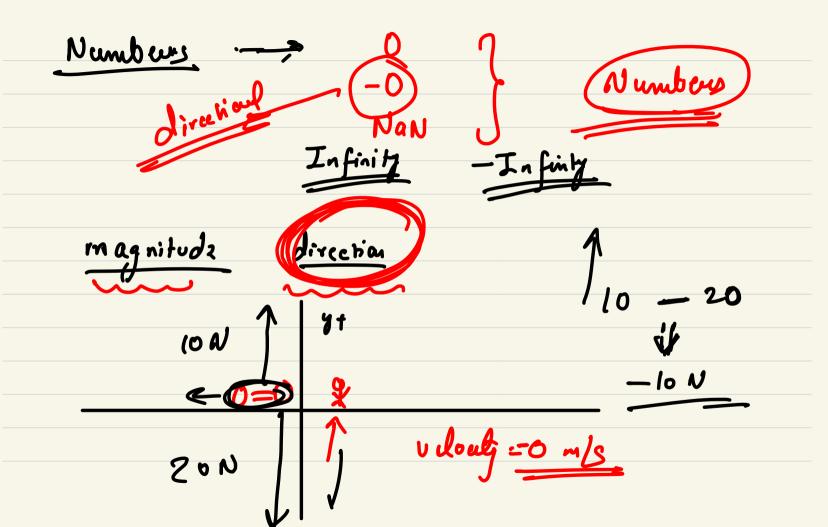
In a AND gate, if the first input is false, then, it doesn't evaluate the second input and ummedally returns the first input as well as if first unput is rrue, then
the Second empet has to be evaluated be then second infect is telorned

In a DK gate, if the first infent is true, then it doesn't evaluate the second infent & innediately return the first input. wherear, if the first report is folso then it returns
the second input:

10 && 6 (10>6) & & (647)

console.log (6 & 8 10)





10 N 1 50/7. Net for -5 Newson

Nan -> Not A Number 0 1 2 3 4 5 6

ab cd 0x xy 2 mn a. - Return the Bucket Number in which of string is present.

if there is a situation when you're bound to return a number, but there is no valid possible No. 10 veeturn, then we us NaN H which is the only number in 13, which is not qual to itself ??

NaN

"Sanket"/2.

Bitwise Operators

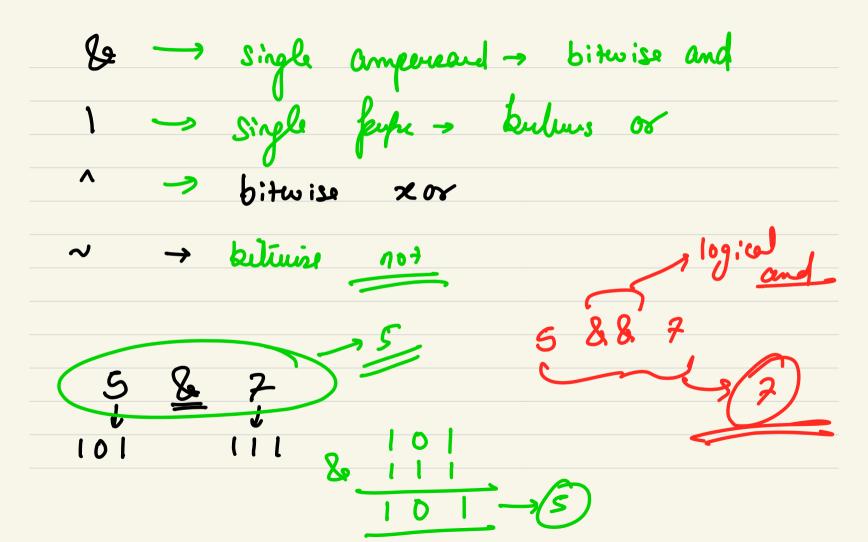
by 5 

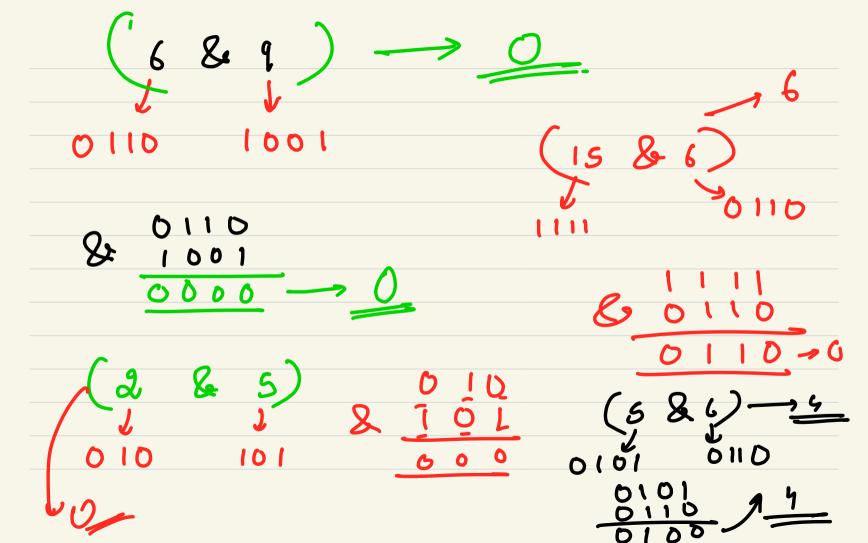
101

g 5

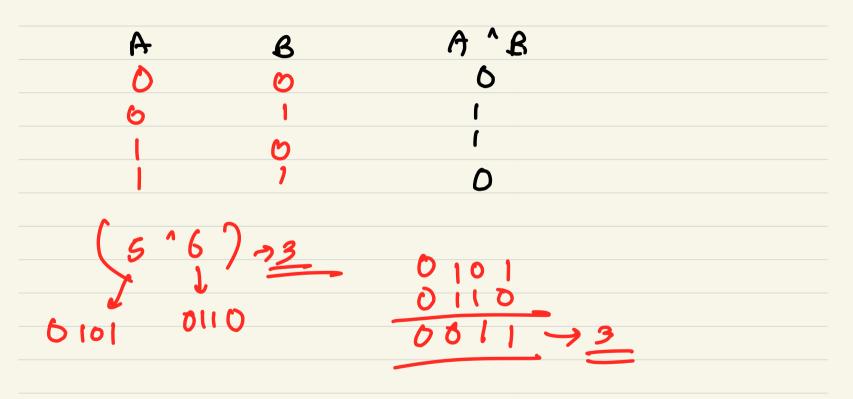
111

bit ky bit on the guen operand.





XOR



## Equality Operators

== -> abstract quality operator
=== -> strict equality eperator == > it checks the type of both operands,

if type is same, then it calls ===

if types are not dame then type

conversion occurs (coercian) be then compares on is done.

=== > it chechs types of both the operands

if types are defent it returns false Sif types are same then value compares on frakkens.

"number " 4 " hue Conditional Statements

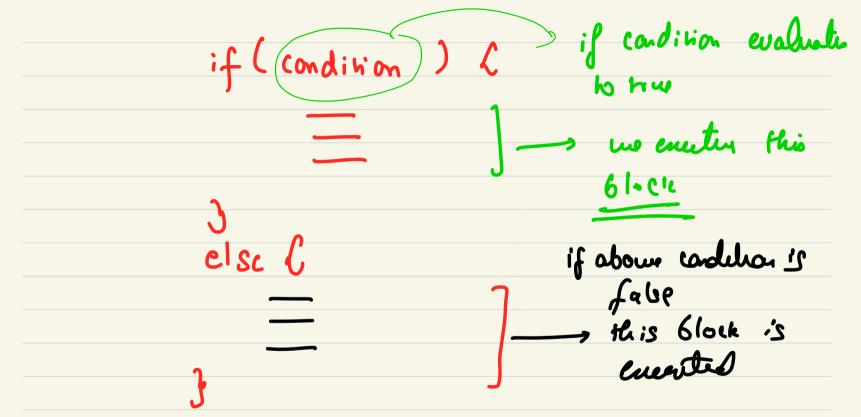
we evaluate a condition 20,

using conditional statement, we can take

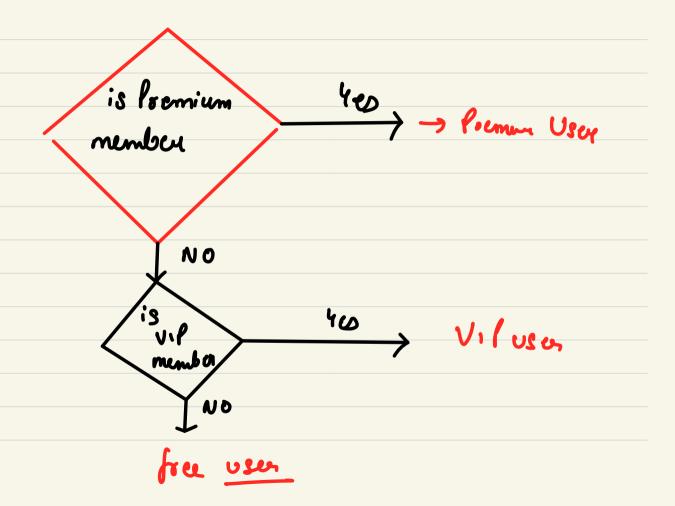
decision and correspondingly chaye the actions une want to do.

eneculy some piece of instruction No

we have Ly if and else I ratement if (condition) { if this condition holds hu then + this region well be enecuted



original else block is completely avoided. -> if condition is false, if block is completely avoided & only else 6101k enecutes. NOTE = if block can exist without clex block but else block well not exist without if block.



of condinalis how only this part is exceed if (condition) else if (condition?) I sif condelled is free only this feet is custed y else h -> .f energy above is
falso only this part is
executed:

if (randinian) ( if mulliple (molless are hour, then the **,** = clse if (condulum 2) { block when first true condulus is written well be else if (condulus 3) 2 eneculed.

	if can exist without else if & clee	
	else cannot exist without if but can exust	
	without else if	
(3)	elseif cannot exist without if but on exist	
	without else.	

a && b

if 
$$(randim 1)$$
  $(randim 2)$   $(randim 2)$ 

if (is Usenfrime && is Usen Distory) ( both conted Felse if ( is isotrine) to only frim content 3 else ( buy some thy

## Nested if the

if (is User Piscoury) &
if (is User Discoury) &
show both
delac C
only prim
delse &