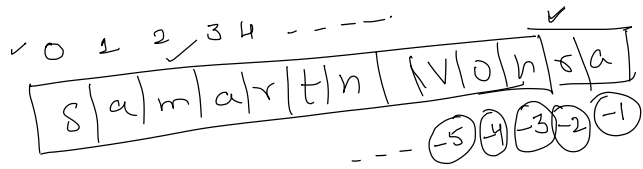


JS

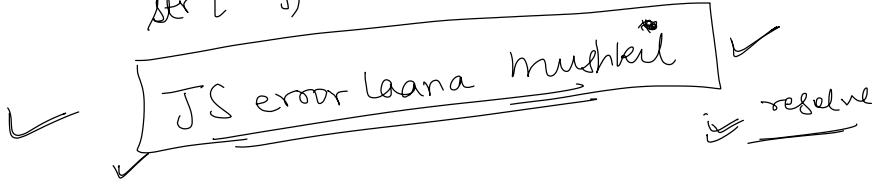
# -ve indexing

let str = Samantle Vohra

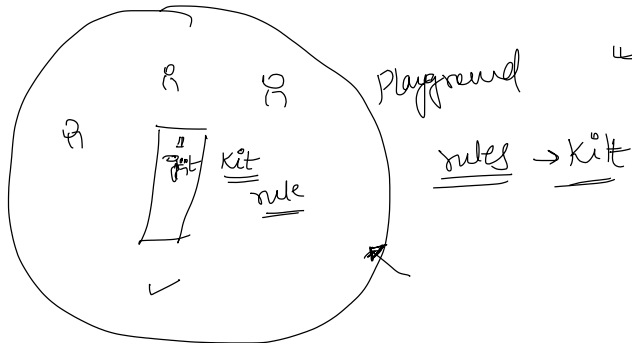


str[2];

str[-2];

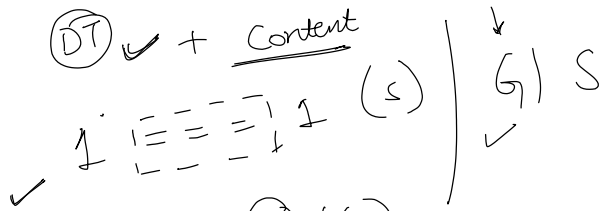


# font-awesome → icons



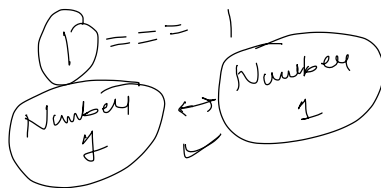
fontawesome  
kit

DT ✓ + Content



1 == 1 (G)

DT {  
String  
Boolean  
Number



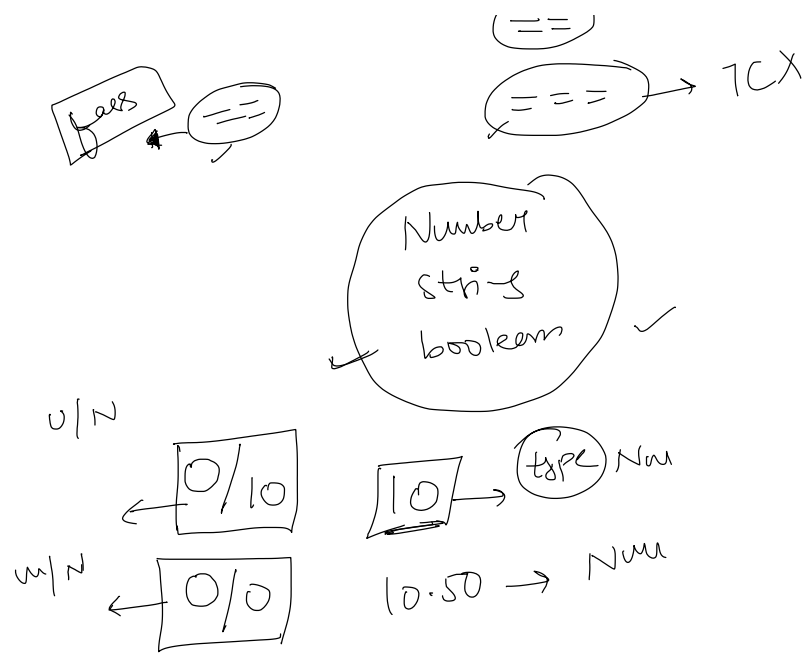
clg(1==1); → T  
(1===1) → T  
(1==='1') → F  
(1==='1') → F  
(1===true) → T  
(1===true) → F  
('1'===true) → F/T

11 == 0 No

11 == 0 (typecast)  
↓  
false

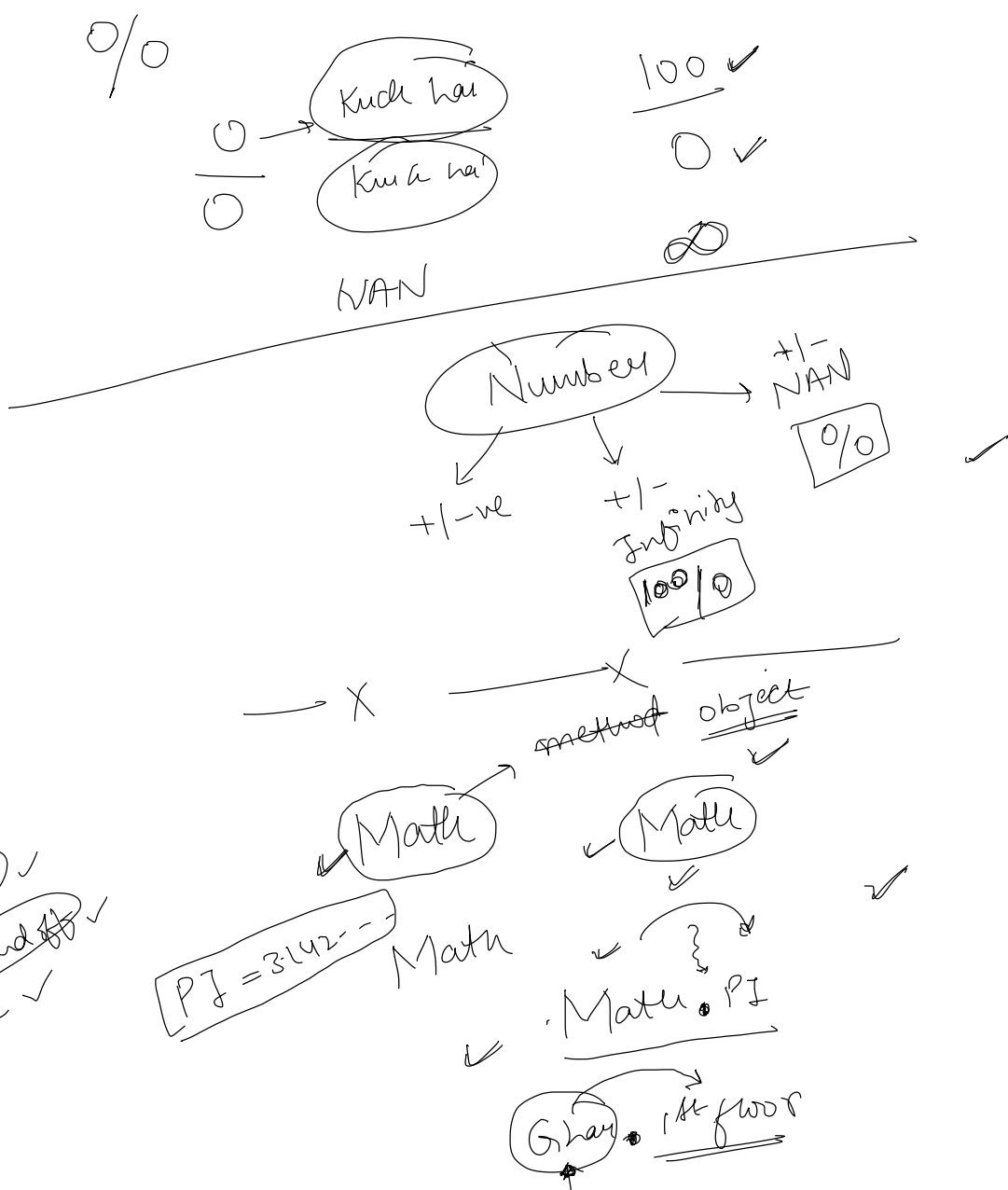
undefined == 0 → F





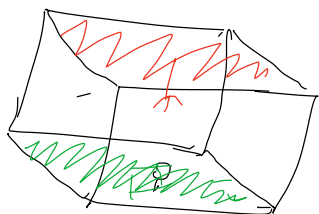
New Deming

✓ typeof (0)



- ✓ (1) PI ✓
- ✓ (2) Round ✓
- ✓ (3) ✓

- (1) PI
- (2) round
- sqrt
- min
- max
- pow



✓ ceiling (upar)

✓ floor (Zameen)

Math() ✓

Math.random() 0-1

0.005...  
0.999996  
1 not included  
0-1

4.31  
0.431

0.576982

4.00001  
~~4~~  
4.999 → 4.0 MF  
0-1

Math.random() \* 10  
4.321  
9.897  
0.154  
3.210  
10  
floor  
→ 4  
→ 9  
→ 0  
→ 3

10

~~10~~  
MF 10  
0-9  
0,1,2,3 → 4  
4,5,6,7 → 5  
8,9 → 2

Math.random() → [0,1) \* 10  
X

\* 100 MF  
(0-9) → 10 variables

RN → 22 → 27  
include

22 23 24 25 26 27

RN → (0-1) \* 100  
\* 1000  
6 MF

(0-99)  
(0-999)  
0 → X

0.000005  
0.05  
22  
SN

0 + 22 = 22 MF

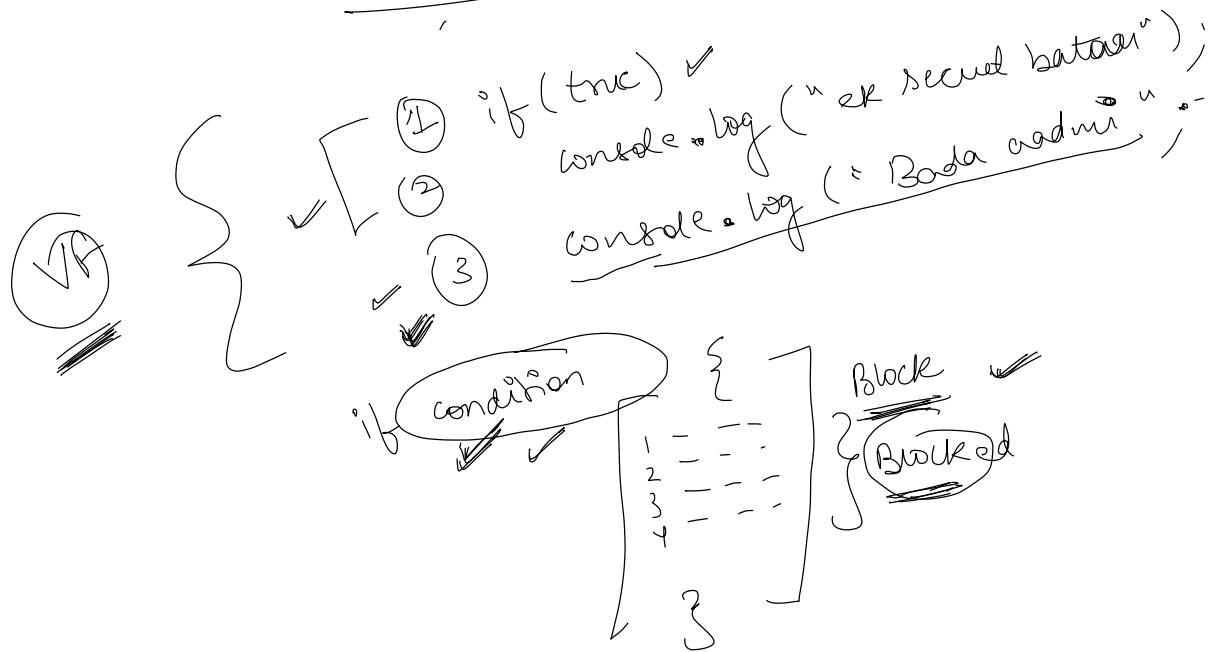
6 → 5  
(0-1) \* 10  
(0-9)

22 + 0 → 22  
22 + 5 → 27  
100 → 1  
0-99

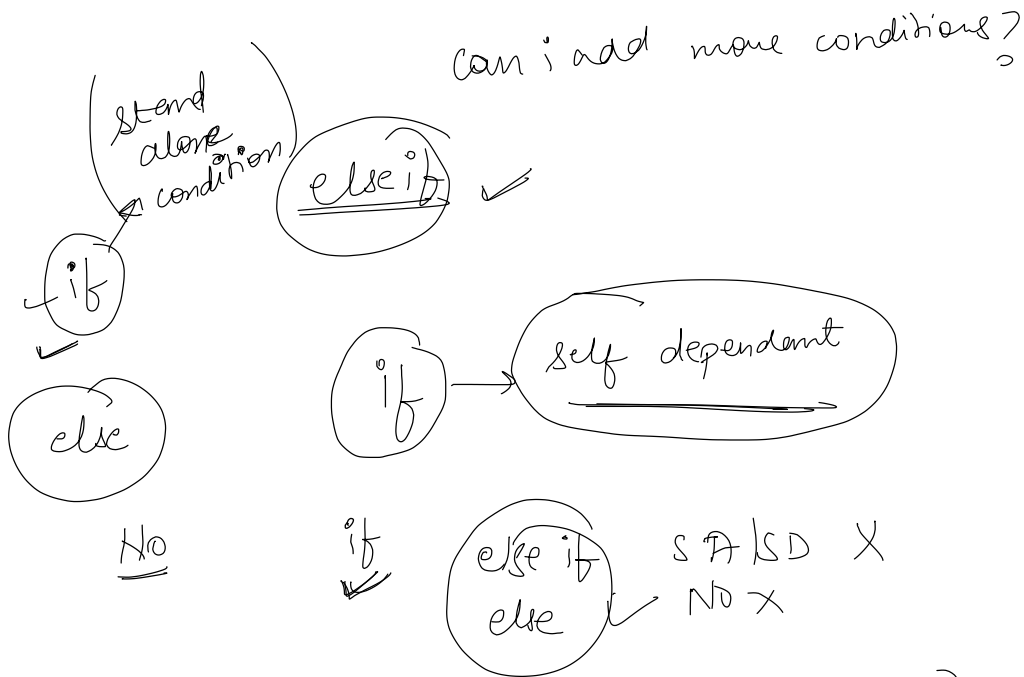


✓ if (true) console.log('')

```
if (true)
  console.log("ek secret batani");
  console.log("Mai Borat Bada admin hu");
```

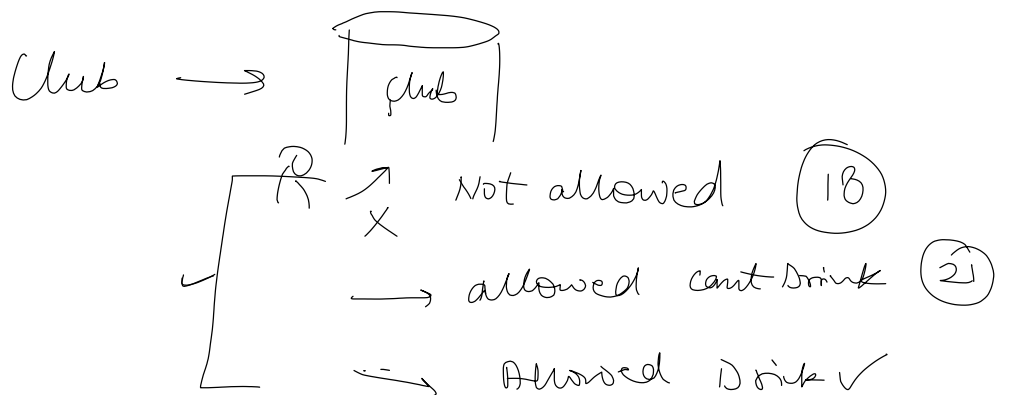


```
if ( < )  
else { } }
```

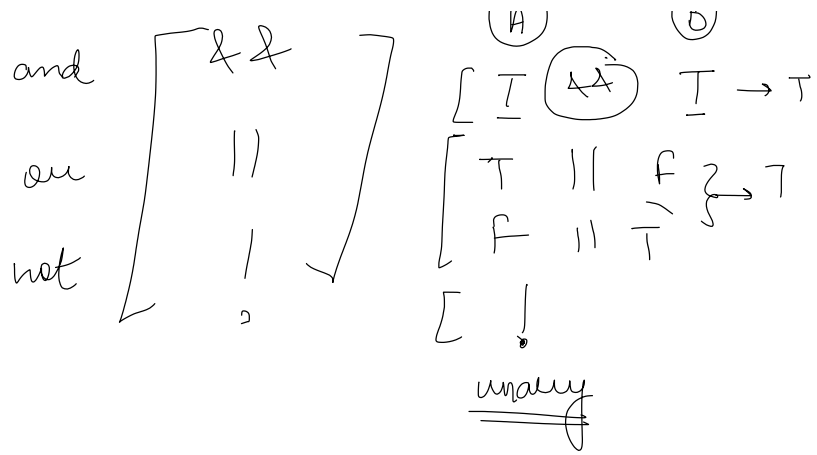


ladder

```
if (cond 1) { --- }  
else if (cond 2) { --- }  
else if (cond 3) { --- }  
⋮  
10000  
else { --- } (conditionless)
```



operators (logical)



$\underline{!T} = F$   
 $\underline{!T} = \text{false}$

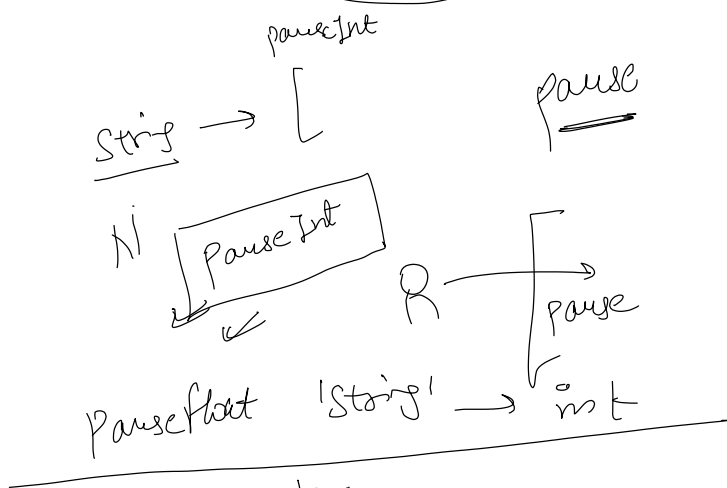
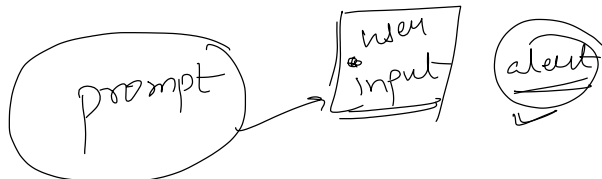
(works on a single operand)

$\underline{!T} \rightarrow F$

Relational operators

Basic

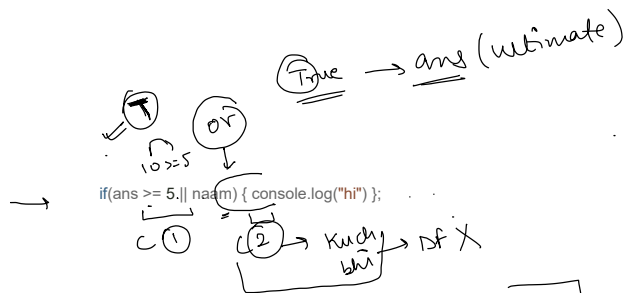
$\underline{! =}, \underline{! = =}, \underline{! = = =}, \underline{! >}, \underline{! <}$   
 $\underline{> =}, \underline{< =}$



let ans = 10;

if (ans > 5) { dg("hi") }

if (ans >= 5 && naam) { dg("hello"); }



Whenever the final result is known to us the operation stops.

Sunday - 11/12

