

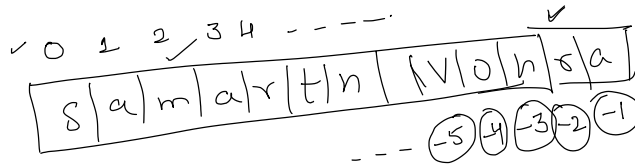
Day18(font-awesome, math-method, conditionals, operators)

Friday, 24 March 2023 7:39 PM

JS

-ve indexing

let str = samantle Vohra



str[2];

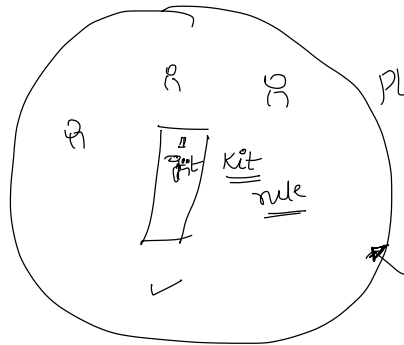
str[-2];

JS error laana mushkil resolve

font-awesome → icons

fontawesome

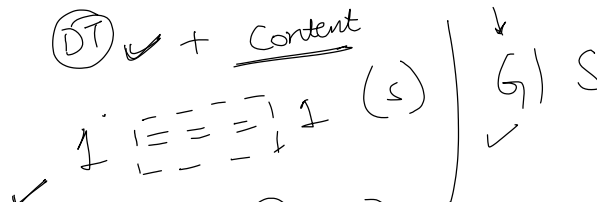
Kit



Playground

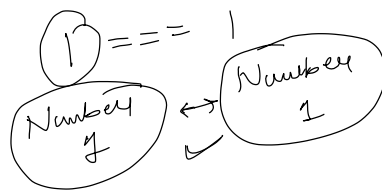
rules → Kit

DT + Content



1 == 1 (G)

DT { String Boolean Number



clg (1 == 1
(1 ==
(1 ==
(1 ==
(1 ==
(1 ==
(1 ==

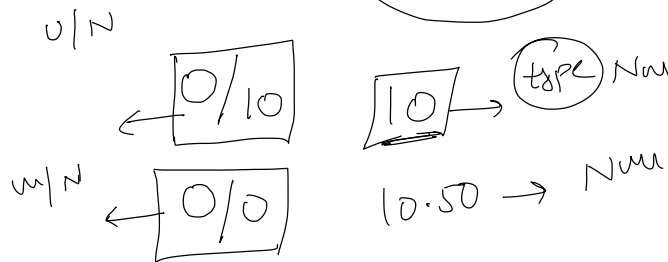
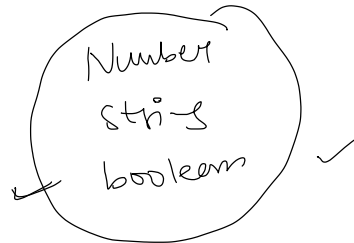
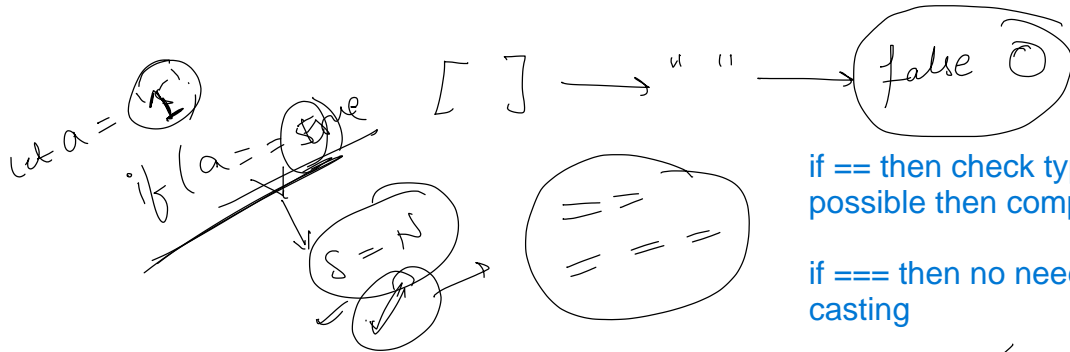
empty array typecast into empty string.
 empty string typecast into false.
 false typecast into 0 then compare.
 true typecast into 1 and vice-versa.

Empty array => Empty string => False => 0
 null typecast into undefined and vice-versa.

null + something => something.
 null + 5 => 5

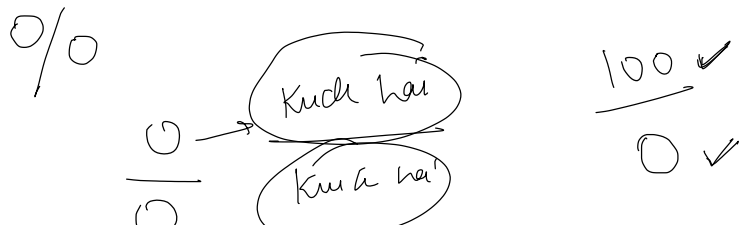
undefined + something => NaN.
 undefined + 5 => NaN

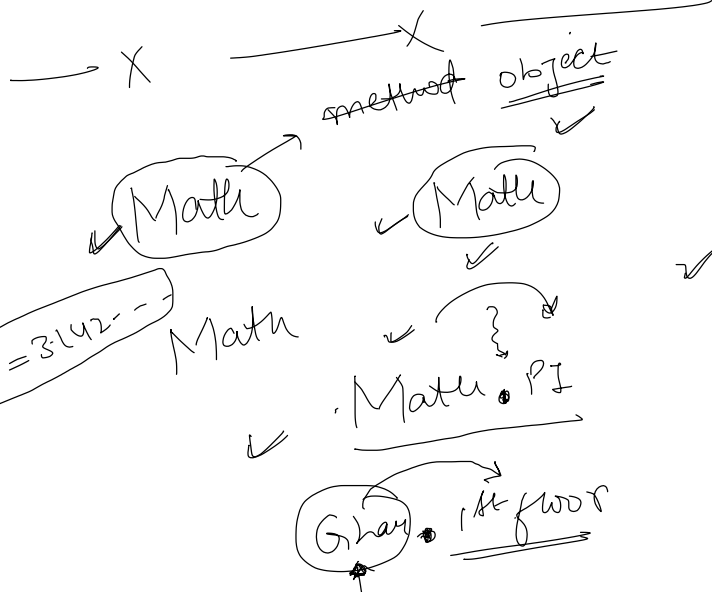
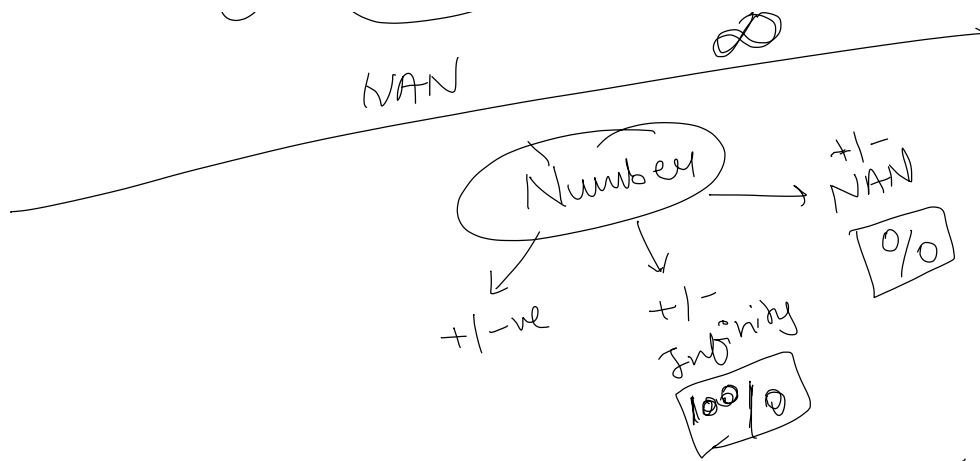
$'' == 0$ No
 $'' == 0$ (typecast)
 \downarrow false
 $undefined == 0 \rightarrow f$



New Deming

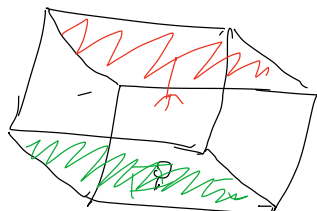
typeof (0)





- ① PI ✓
- ② Round ✓
- ③ e ✓

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



✓ ceiling (upar)

✓ floor (zameen)

Math.random()

0 - 1

1 not included

0.005...

4.31
0.431

0.95276

0-1

0.5769

4.0001

4

10

4.999

0-1

4.0

MF

0.4321 * 10 →

0.9897 * 10 →

0.0154 * 10 →

0.3210 * 10 →

Math.random() * 10

5.7

* 10

floor

4.321

9.897

0.154

3.210

10

→ 4
→ 9
→ 0
→ 3

10

10

(0-9)

MF=10

0,1,2,3 → 4
4,5,6,7 → 4
8,9 → 2

Math.random() → [0,1) * 10

* 1000
MF

(0-9) → 10 variables

RN → 22 → 27

✓

include

22 23 24 25 26 27

6
MF

RN → (0-1) * 100
* 1000

(0-99)
(0-999)

0 → X

0.000005

0.05

22

SN

$$0 + 22 = 22$$

MF

$$(0 - 1) \times 10$$

6 → 5

$$(0 - 9)$$

100 - 1

$$22 + 0 \rightarrow 22$$

$$0 - 99$$

$$22 + 5 \rightarrow 27$$

----- X ----- X -----

Math.random() => generates
an random number b/w 0
and 1 where 1 is not included.

RN * 10 → distinct
(0 - 9) 10

Math.random(); RN
(0 - 1) Not included

| | | | | | |
|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | | |

min. max.
0 - 99

100
0 - 99

RN * 1000
(0 - 999)

distinct
div - 1

22 - 27
min

MF

$$0.0000001 + 22$$

$$22.00001$$

22

$$[6 * (RN) + 22] \rightarrow$$

MF

22

OTP

How to generate an random no. b/w certain
range ?

1. num = Math.random() * (max - min + 1) + min.

2. Math.floor(num).

where (max - min + 1) => Total distinct no.

200 99 22 27

HW

OTP

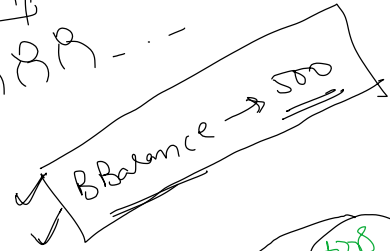
4 digit OTP

6 digit

Conditionals ✓ (if = else)
(same)



500 Kaam → dependant



(again)

Let BB = 600;

if (BB >= 500) {
 console.log('500');

operator

Swan
Dau

true

}

BB >= 500
condition

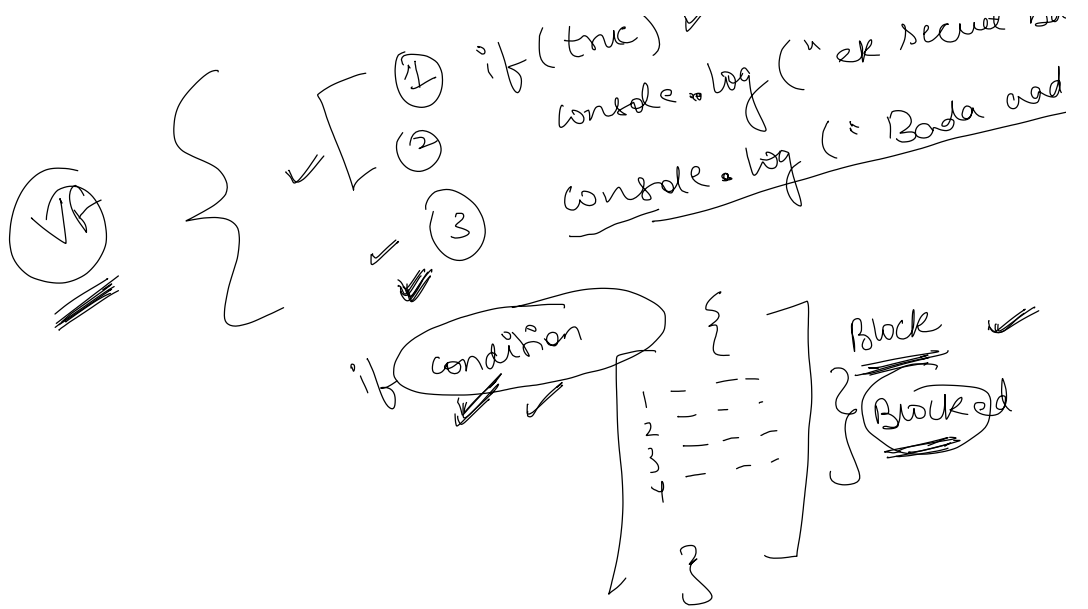
}

✓ if (true) console.log("Hi");

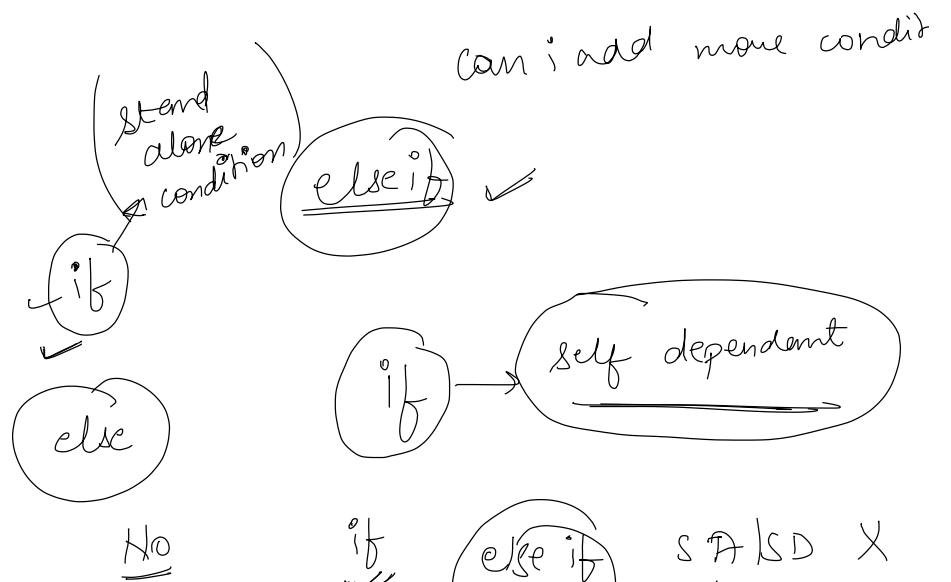
if (true)

console.log("ek secret batani");

console.log("Mai Borat Bada a



if ()
 else { } }

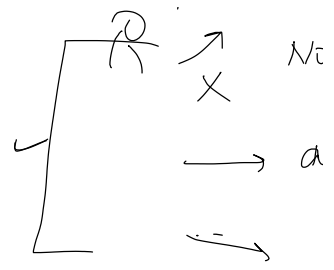


ladder

```

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

Club → Club



operators (logical)

| | | |
|-----|------|---------------------|
| and | $\&$ | \textcircled{A} |
| or | $\ $ | $[\underline{I}]$ |
| not | $!$ | $[T]$ |
| | | $[F]$ |
| | | $[!]$ |

unval

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

(works
king)

$\underline{!T} \rightarrow F$

Basic Relational operators

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

prompt

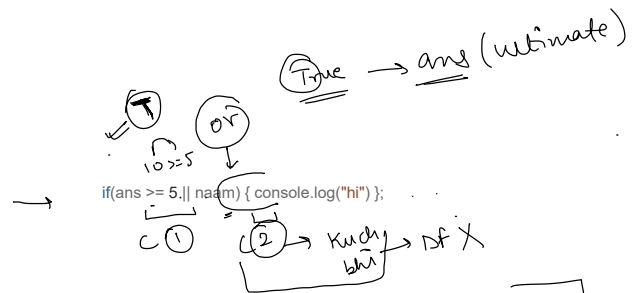
string \rightarrow []
 Hi [Pause Int]
 R \rightarrow []
 pause

parseFloat 'string' → m

let ans = 10;

if (ans > 5) { dg("Hi"

if (ans >= 5 && naam);



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

Sunday - 11/12