

- console.log
- console.table
- console.warn

- console.group
- console.time
- console.count

github.com/realSUDO/cohort-journey

<https://freeapi.app>

self explanatory

TRY YOURSELF

- const blocks re-referencing
 - can't reassigned variable itself though obj/array can change (content)
- let allows both ..

Some standards

There's no standard, subki apni apni Kahani hai, but still..

```

let camelCase = 22
let -secretKey = "secret" (proposal)
let MONDO_URI = ""
    
```

→ Try making most "const"

Primitive data-types (7 total)

- Number
- String
- boolean
- bigint (wholeNumbern)
- null → iska type bhi null hai (quirky)
- undefined
- Symbol → Symbol("yo..");

what
is
RUNE ?

side-assignment--

↑ log time pe .toString()

Even though `typeof null` prints `object`, and
`typeof function` prints `function`.
Its type is `OBJECT`, and `null → null`



- Object copy nahi hote hai, reference share hota hai
- Have to make copy for object ?
- wrong: `objCopy = Original Obj` \times
- partially okay: `objCopy = { ... Original Obj }`
 - for outer layer... (shallow copy)
- best: `objCopy = structuredCopy { Original Obj }`
(deep copy)

- `console.log (-Infinity, Infinity)`

Let's play with Numbers..

- `Number.isNaN (num)` \rightarrow boolean
- `Number.MAX_SAFE_INTEGER` : 9007199254740 991
- `Number.MIN_SAFE_INTEGER` : -90 " " " "
- `Number.EPSILON`
- `parseInt (value, base)` e.g., $(111, 2) \rightarrow 7$

Math

→ `Math.round`

↳ read & study yourself...

DON'T STUDY ALL

Why $0.2 + 0.1 \Rightarrow 0.3000001$

```
function almostEqual (a, b) {  
    return Math.abs(a - b) < Math.EPSILON  
}
```

→ Cuz, using IEEE-754 floating point...
0.1, 0.2 can't be represented exactly in binary
--- so, they're stored as approximations.

Math.EPSILON ---- : smallest gap Javascript can
(2.22×10^{-16}) detect between two diff
numbers near one

silent fail in JS

```
e.g., let str = "hello"  
      str[0] = "m" // silent fail -- string → immutable  
      console.log(str) // hello
```

TRY

- charAt(99)
- str[99]
- slice, substr

MERA LIFE MERA WIFE HAI
bhahahahaha



More methods..

- trim()
- join()
- split()
- PadEnd()
- padStart()

github: github.com/realsUDO

discord: sudo.dis

X/twitter: @sudo-core

LinkedIn: in/realsudo

PROMOTION

Template literal: (backticks ---)

=====.

Must kaam kara

{} variable or code }

=====

For interview q's

console.log (void ANYTHING);

returns undefined

Make it ~~ranga-yaJII~~
as much as you
can LOL

→ if-else

→ Switch case

:

default

Ab ghr jake

Ye sub code

Karo !!!

What changes in memory?

undefined vs null

Assignment

Assignment -- go through Array and
Object methods...

being so artistic Lately...!