* variable naming conventions/rules:

- 1. Variable names cannot start with a number
- 2. It can only have letters, underscores, numbers, dollar.
- 3. you cannot use a reserved keyward as a variable name.

good practicer (1et, type of, function, const, var,)

- 4. Camelcase my first 90b => myfirstJob

 current year => currentYear
 is javascript for => isJavascriptFun
- 5. for constant values, all upper case
- * 6. Variable namer should be descriptive/meaningful, (v. IMP cleaner code)

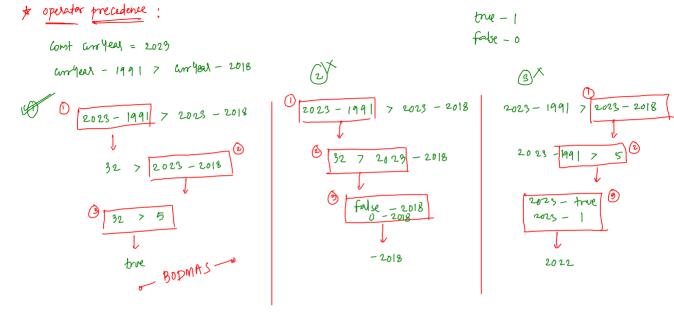
 (It should tell what value it is holding)

How to declare a rariable ? have = a Amragn; Console log Chame? (crase ad write) prefer ence should be const, Console log (name); "withen with pen) Xname = "prya" (you cannot exase) (const variables cannot be chayed) console log (last Job); } cannot have empty const last Job; (ras, let) are a bit Var have = "Annag"; different (function, console log (name); (not used in median Js) (crosse ad write) (next week)

```
* operators
  1. parseInt (132,862) 7 132
  d. exponential operator (++) =) a ++b =) ab
         Eq: 2 * # 9 = 23 = 8
              16 + * 0.5 \Rightarrow 16^{0.5} = 16^{12} = \sqrt{16} = 4
              a_1 * * % = a_1^{1/3} = \sqrt[9]{21} = 3
                                                              5. In 2 a special character
   3. modulo operator (%) => 11 %3 = 2
                                                                  which takes the control to
        (remainder)
                         7 19 4.4 = 8
                                                                  point from next line.
       all b remainder of Mb
                                         SI = a Ranbio?
   4. addition also works with strings
                                         S2 = e kapoor
          (Join/concatenate)
                                         SO = SI + SZ = PRANTO + PROPORT
                                                         = 9 Rabis Kapors D
```

= = V\$ = = = It checks only value > value > 1 -9 true I checks value ad datatype 9 rature 1 dtype Number 9 true 1 | = = | value = 1 dtype = string -> false value = 1 dtype = Number ٧ / ٥ = = = 1 4. 10 == 1 rahe 21 - frue Value = 1 * (==) loose checking * (1 =) loose

$$(==)$$
 loose checking $(!==)$ loose $(!==)$ strict checking $(!==)$ strict



$$a = b = 25 - 10 - 5$$

$$a = b = 10$$

$$a = b = 10$$