o It specifies the type of data that the variable can store like integer, character, floating, souble etc.

Types of data type

i) Primitive data type

o these are fixed data type:

· Some of fixed dates

i, Number

eg: (0, 100, -28, 8.14)

ii) Storing.

estoing must be placed authen single loouble quotes.

eg: ea?, eABc? e123?

ili) Boolean :

o it can be either true

a False

iu) undefined.

e It is not Same as Muce

vi) Bigint vii) Symbol (ii) Mon-proimotive
data type

object.

o object are concerton of values.

o key and ratue are important

x operators x.

e the one who performs any operation. are termed as operators?.

eg: $a+b \rightarrow [a,b \rightarrow operands]$ expression $[+] \rightarrow operators$

Types of operators

est includes +, -, *, 1, %, etc.

eg: console « (09 (2 * 5)

Loutput

ii) wondry operator.

Increment operators
of thereases the value
by 1 (eg! a++)

Decrement operator

Post decrem

Oberates.

· (a--)

o Decreases rue value by 1(eg:a--)

eg: Leta: 5

console · log (a)

output: 5

Proceder pre decrement operator operator operator operator operator of tall eq! letass

Console·Log (++a) Console·lag(a-

output : 6)

catb) ++ 3 -> error.

(ii) Assignment operator. of the assign the value to a variable.

some of the operator are! · (+=) operator - proion addition then assign 0(-=) " " Subtracton " multiplicat" ·(/=)"

" pivision ee

(U) comparison operator. used to compare the values (==,](=)Lee 5= 10

> console. (09 (a = = b) Louput Tous.

· Some of comparison operators are, (>= , <=0...)

Logical operator

- e some of the logical operators are

 (AND, OR, NOT)

 OR (11)

 NOT (1)
- They have similar function as it is mathematical reasoning.
 - e (1 (AND) -) used men two conditions

 the combines

 returns True when both condition.

 is true otherwise Julse.
 - · OR (11) -> True when any condo is touc
 - · (CMOT) -> returns

True false (when condn is True) is false)