

Undefined vs Null



#1. Definition

Undefined



variable has been declared but not yet been assigned a value.

Null



assignment value that means "no value"

#2. Type

Undefined



Undefined

Null



Object

#3. JSON

Undefined



Invalid

Null



Valid

#4. Nature

Undefined



Variable declared but not yet assigned.

Null



Represent intentional absence of object value.

#5. Check

Undefined



`typeof variableName === "undefined"`

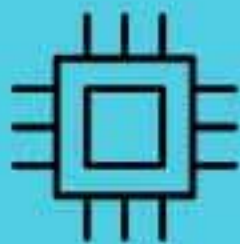
Null



`variableName === null`

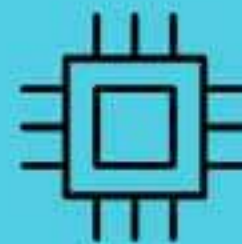
#6. Arithmetic

Undefined



Not-a-number (NaN) error

Null



treated as zero value

#7. Comparison

Undefined



Equality operator will return true

Null



Identity operator will return false

#8. Identifier

Undefined



Can be an identifier for property of global object.

Null



Not an identifier for a property of global object