**IN JS THERE ARE 5 DATA TYPES**

String

Number

Boolean

Object

Function

There are 6 data types of objects

Date

Array

String

Number

Boolean

object

cannot contain values

null-object

undefined

* The data type of NaN is number
* The data type of an array is object
* The data type of a date is object
* The data type of null is object
* The data type of an undefined variable is **undefined** \*
* The data type of a variable that has not been assigned a value is also **undefined**

***Primitive data types***

**Undefined**

**String**

**Number**

**Boolean**

**Complex data**

**Object- arrays,objects,null**

**Function-no obj**

Operators ( + - \* / ) do not have any data type.

1. typeof(1)-
2. typeof(1.1)
3. typeof('1.1')
4. typeof(true)
5. typeof(null)
6. typeof(undefined)
7. typeof([])
8. typeof({})
9. typeof(NaN)

|  |  |  |  |
| --- | --- | --- | --- |
| **Original value** | **Converted to number** | **Converted to string** | **Converted to boolean** |
| **1** | **1** | **“1”** | **true** |
| **1.1** | **1** | **“1.1”** | **true** |
| **“1.1”** | **1.1** | **“1.1”** | **true** |
| **true** | **1** | **“true”** | **true** |
| **null** | **0** | **“null”** | **false** |
| **undefined** | **nan** | **“undefined”** | **false** |
| **[]** | **0** | **“ ”** | **true** |
| **{}** | **nan** | **“[object,object]”** | **true** |
| **nan** | **nan** | **“nan”** | **false** |
|  |  |  |  |
|  |  |  |  |