

#2

• NaN  $\Rightarrow$  Not a Number

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## 2# 2. Data Type in JavaScript

- Undefined
- Boolean
- Number
- String
- BigInt - In this number not handle output - infinity
- Symbol.

$\Rightarrow$  How to datatype check?

`console.log (type of (myName));`

`var myAge = 26;` Number

`var myName = "Moteulleh Armi";` String

`var iamArmi = true;` boolean

## 2. Challenge Time

- $(10 + "20") \Rightarrow 1020$  - not add concat
- ✓ •  $(9 - "5") \Rightarrow 4$  - bug
- $("java" + "script") \Rightarrow$  java script concat.
- $(" " + 0) \Rightarrow 0$

$\rightarrow$   $("Moteulh" - "Armi") \Rightarrow$  NaN  $\rightarrow$  Not a Number

$!true + true \Rightarrow 1 + 1 \Rightarrow 2$

$true + false \Rightarrow 1$

$false - true \Rightarrow -1$

$true - false \Rightarrow 1$

true - 1

false - 0

## # Interview question

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⇒

Difference between null Vs undefined?

```
var iAmUseless = null;  
console.log(iAmUseless);           → null  
console.log(typeof(iAmUseless));   → object  
// 2nd javascript bug
```

```
var iAmStandBy;  
console.log(iAmStandBy);           → undefined  
console.log(typeof(iAmStandBy));   → undefined
```

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2 ⇒

What is NaN? (Not-a-Number)

You are two String subtract is NaN → output  
ex ["Moteenleh" - "Armi"];

- It is a property of Global Object.
- It is a variable in Global Scope
- The initial value of NaN - Not-a-Number.

Programme

```
var myPhone Number = 9151512555;
```

```
var myName = "Moteenleh Armi";
```

```
console.log(isNaN(myPhone Number)); → False
```

```
console.log(isNaN(myName)); → True
```

```
if (isNaN(myName) &
```

```
    console.log("Plz enter valid phone number");
```

```
}
```

3  $\Rightarrow$  challenge Time - (Non Practice)

$\Rightarrow \text{NaN} === \text{NaN} \Rightarrow \text{false}$

$\Rightarrow \text{Number.NaN} === \text{NaN}; \Rightarrow \text{false}$

$\Rightarrow \text{is NaN}(\text{NaN}); \Rightarrow \text{True}$

$\Rightarrow \text{is NaN}(\text{Number.NaN}) \Rightarrow \text{True}$

$\Rightarrow \text{Number.is NaN}(\text{NaN}) \Rightarrow \text{True}$