JAVASCRIPT OBJECT CHEATSHEET

Object Declaration

```
const twit = {
  name: "Proful",
  follower: 4817,
  1 : "hi"
}
```

any type

converted to string

- storing key-value pairs.
- data unordered
- keys are unique

Dot Notation

```
twit.name            // "Proful"
twit.follower        // 4817
twit.follower.count
```

Accessing nested props

Square Notation

```
twit['name']      // "Proful"
```

Can be dynamic/variable

```
const {name, followers} = twit
name                // Proful
followers           // 4800

const linkedin = { name }

              { name: 'Proful' }
```

Empty Object creations

```
const person = {}
const person = new Object()
```

```
const twit = {
  name: "Proful"
}

function change(insta){
  insta.name = "Steve"
}

change(twit)
twit.name // "Steve"
```

- Pass by reference

```
delete twit.name // both key & value

twit.randomKey   // undefined

twit.follower = 5000
```

declared as const but mutable

```
for(const key in twit) {
  console.log(key)       // name
                         // followers
}
```

```
const twit = {
  name: "Proful",
  get profile() {
    return `Hi ${this.name.toLowerCase()}`
  },
  set profile(prof) {
    this.name = "Mr " + prof
  }
}
twit.profile                    // 'Hi proful'
twit.profile = 'Steve'
twit.name                       // 'Hi Steve'
```

getter

seter

```
const twit = {
  name: "Proful",
  hi() {
     console.log(`Hi ${this.name}`)
  },
  hello: () => {
     console.log(`Hello ${twit.name}`)
  },
}
```

this refer to twit object

You cannot use this here