

Value vs Reference Types

Value Types

Number

String

Boolean

Symbol

undefined

null

Reference Types

Object

Function

Array

Value vs Reference Types

```
let x = 10;
```

```
let y = x;
```

```
x = 20;
```

```
//y will have 10
```

```
let x = {value:10}
```

```
let y = x;
```

```
x.value = 20;
```

```
//y.value will have 20
```

Primitives are copied by their **value**

Objects are copied by their **reference**