# Array

$\rightarrow$ DS

$$[ \quad 3, \quad 4, \quad ^aHello" \quad ]$$

```
Ar.js > ...
1    let arr = [2,3,6,"hello","💯"];
2    console.log(arr);
```

$$2, \quad 3, \quad 6 \quad ^uHello", \quad ^{u}100^{u}$$

$\qquad 0 \qquad 1 \qquad 2 \qquad\qquad 3 \qquad\qquad 4$

index number

size = 5

```
3
4    for(let i =0;i<arr.length;i++){
5    💡   console.log(arr[i]);
6    }
```

arr[i]

$0 \longrightarrow 2$

$1 \longrightarrow 3$

$2 \longrightarrow 6$

```javascript
let arr = [2,3,6,"hello","UK",6,4];
console.log(arr);
console.log(arr.includes(2));
console.log(arr.includes(22));
console.log(arr.indexOf("hello")); // print i

console.log(arr.indexOf(6));
console.log(arr.lastIndexOf(6));
console.log("````");
// for each Loop
arr.forEach((val)=>{
    console.log(val);
})
console.log("````");
arr.forEach(function(value){
    console.log(value);
})
```