# CONVERTING
# ARRAY-> OBJECT
# OBJECT->ARRAY

*INTERVIEW POINT*

JS

# ARRAY-> OBJECT

- Object.fromEntries
- Spread Syntax
- Object.assign()

## OBJECT.FROMENTRIES

method transforms an array of key-value pairs into an object

```
const arr = [
  ['name', 'bobby hadz'],
  ['age', 30],
];

const obj = Object.fromEntries(arr);

console.log(obj); // 👉 { name: 'bobby hadz', age: 30 }
```

## SPREAD SYNTAX

**The spread syntax will unpack the values of the array into a new object**

```
const arr = ['zero', 'one', 'two'];

const obj = {...arr};
console.log(obj); // 👉 {0: 'zero', 1: 'one', 2: 'two'}
```

## OBJECT.ASSIGN()

**The method returns an object where the keys are the array indexes and the values are the array elements.**

```
const arr = ['zero', 'one', 'two'];

const obj1 = Object.assign({}, arr);
console.log(obj1); // 👉 {0: 'zero', 1: 'one', 2: 'two'}
```

# OBJECT->ARRAY

**The code in the image tells you how to convert keys to array or values to array or entire object to array**

```
const zoo = {
  lion: '🦁',
  panda: '🐼',
};

Object.keys(zoo);
// ['lion', 'panda']

Object.values(zoo);
// ['🦁', '🐼']

Object.entries(zoo);
// [ ['lion', '🦁'], ['panda', '🐼'] ]
```