* **Map** returns a new array

* Var numbers = [1, 2, 3, 4]

```
numbers.map ( (x) => {
  return x * 2;              => will return a Array
});
```

OR

```
var newArray = [];
numbers.forEach ( (index) => {
  newArray.push (index * 2);
}
```

or

```
numbers.forEach (function (index) {
  newArray.push (index * 2);
}
```

* **Filter**
Creates a new Array by keeping the items that
return true

```
const newNumbers = numbers.filter (function (index) {
          output: [3, 4]                    return index > 2;
                                                  }
```

OR

```
var new Numbers = []
numbers.forEach (function (index) {
    if (index > 2) {
        newNumbers.push (index);
    }
}
```

* Reduce - Accumulates a value by doing something
  to each item in an array

  var numbers = [2, 3, 5, 48, 56],

Var newNumber = numbers.reduce(function (accumulator, current
                                                        Value){
                    return accumulator + CurrentValue;
          3)   =
                              numbers [0]   numbers [1]

                  or

var newNumber = 0
   numbers. ForEach (function (index){
             newNumber. push (newNumber += index);
   3

* Find : Find the first item that matches from
          an array
   const newNumber = numbers. Find (Function (num){
console. log (new Number)   return num >10;
      output = 48   3)

* Find Index : Find the index of first item that
                matches

```jsx
import React from "react";
import ReactDOM from "react-dom";
import App from "./components/App";
import emojipedia from './emojipedia'

ReactDOM.render(<App />, document.getElementById("root"));

var Array=[];
emojipedia.map(function (index){
    return Array.push(index.meaning.substring(0,101));
})
console.log(Array)
```

```jsx
const newEmojipedia = emojipedia.map(function (emojiEntry) {
  return emojiEntry.meaning.substring(0, 100)
})

console.log(newEmojipedia);
```