

## Arrays in javascript

**1. Write a function squareNumbers(arr) that returns a new array where each number in the original array is squared using map method.**

```
let numbers=[1,2,3,4,5,6];
function squareNumbers(arr) {
  return arr.map(num => num * num);
}
const squaredNumbers = squareNumbers(numbers);
console.log(squaredNumbers);
```

**Output:** [ 1, 4, 9, 16, 25, 36 ]

**2. Write a function toUppercase(arr) that returns a new array where each string in the original array is converted to uppercase using map method.**

```
let arr=["html","css","js","angular","react",".net"];
let x=arr.map(a=>a.toUpperCase())
console.log(x);
```

**Output:** [ 'HTML', 'CSS', 'JS', 'ANGULAR', 'REACT', '.NET' ]

**Method 2:**

```
let arr=["html","css","js","angular","react",".net"];

function touppercase(a){

  return a.map(str=>str.toUpperCase());

}

let uppercase_words=touppercase(arr);

console.log(uppercase_words);
```

**Output:** [ 'HTML', 'CSS', 'JS', 'ANGULAR', 'REACT', '.NET' ]