

Practical – 25: Implementing keyboard event

83. **WAP to demonstrate map function of ES6. (A)**

```
<!DOCTYPE html>
<html>
<body>

<p id="out"></p>

<script>
let numbers = [1, 2, 3, 4];

let doubled = numbers.map(n => n * 2);

document.getElementById("out").innerHTML =
    "Original: " + numbers + "<br>Doubled: " + doubled;
</script>

</body>
</html>
```

84. **WAP to create a numerical array containing number elements. You have to return a number greater than 50 using filter method. (A)**

```
<!DOCTYPE html>
<html>
<body>

<p id="out"></p>

<script>
let nums = [10, 55, 32, 80, 5, 90];

let result = nums.filter(n => n > 50);

document.getElementById("out").innerHTML =
    "Original: " + nums + "<br>Greater than 50: " + result;
</script>

</body>
</html>
```

85. **WAP to create a new array containing number of elements like color name in small letter (e.g. ['red', 'green', 'blue']) and convert each array element to Capitalized letter using map method. (B)**

```
<!DOCTYPE html>
<html>
<body>

<p id="out"></p>
```

```

<script>
let colors = ['red', 'green', 'blue'];

let upperColors = colors.map(c => c.toUpperCase());

document.getElementById("out").innerHTML =
  "Original: " + colors + "<br>Uppercase: " + upperColors;
</script>

</body>
</html>

```

86. **WAP to perform CRUD operation on a static array using Javascript. (C)**

```

<!DOCTYPE html>
<html>
<body>

<h3>CRUD on Array</h3>
<p id="out"></p>

<script>
let fruits = ["Apple", "Banana", "Mango"] ;

fruits.push("Orange");

let readData = fruits.join(", ");

//update

fruits[1] = "Kiwi";

fruits.splice(2, 1);

document.getElementById("out").innerHTML =
  "After CREATE: Apple, Banana, Mango, Orange<br>" +
  "READ: " + readData + "<br>" +
  "After UPDATE: " + fruits + "<br>" +
  "After DELETE: " + fruits;
</script>

</body>
</html>

```