

JavaScript Exercises 03

Arrays and Switch

1)

Method 1

```
var person = [ ];
```

Method 2

```
var person = new Array ( );
```

2)

```
<html>
```

```
<head><title></title>
```

```
</head>
```

```
<body>
```

```
<p id="demo1"></p>
```

```
<p id="demo2"></p>
```

```
<script>
```

```
var nums = [10,24,12,9,20,6];
```

```
document.getElementById("demo1").innerHTML = myArrayMax(nums);
```

```
function myArrayMax(arr) {
```

```
return Math.max.apply(null, arr);
```

```
}
```

```
document.getElementById("demo2").innerHTML = myArrayMin(nums);
```

```
function myArrayMin(arr) {
```

```
return Math.min.apply(null, arr);
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

3) 1]

```
<html>
```

```
<body>
```

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

```
<script>
```

```
var fruits = ["Apple", "Orange", "Jack", "Strawberry", "Pine apple", "Mango", "Banana"];
```

```
var first = fruits[3];
```

```
document.getElementById("demo").innerHTML = first;
```

```
</script>
```

```
</body>
```

```
</html>
```

2]

```
<html>
```

```
<body>
```

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

```
<script>
```

```
var fruits = ["Apple", "Orange", "Jack", "Strawberry", "Pine apple", "Mango", "Banana"];
```

```
document.getElementById("demo").innerHTML = fruits.length;
```

```
</script>
```

```
</body>
```

```
</html>
```

3]

```
<html>
```

```
<body>
```

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

```
<script>
```

```
var fruits = ["Apple", "Orange", "Jack", "Strawberry", "Pine apple", "Mango", "Banana"];
```

```
document.getElementById("demo").innerHTML = fruits;
```

```
function myFunction() {
```

```
    fruits.sort();
```

```
    fruits.reverse();
```

```
    document.getElementById("demo").innerHTML = fruits;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

4)

```
<html>
<body>
<button onclick="myFunction()">Try it</button>
<p id="demo"></p>

<script>
var num = [4,1,8,3,9,12];
function myFunction() {
  num.sort(function(a, b){return a-b});
  document.getElementById("demo").innerHTML = num;
}
</script>

</body>
</html>
```

5) 1]

```
<html>
<body>
<p id="demo1"></p>
<p id="demo2"></p>

<script>
var foods = ["rice", "pizza", "sandwich", "rolls"];
document.getElementById("demo1").innerHTML = foods;
foods.pop();
document.getElementById("demo2").innerHTML = foods;
</script>

</body>
</html>
```

2]

```
<html>
<body>
<button onclick="myFunction()">Try it</button>
<p id="demo"></p>

<script>
var foods = ["rice", "pizza", "sandwich", "rolls"];
document.getElementById("demo").innerHTML = foods;
```

```
function myFunction() {
  foods.push("cake");
  document.getElementById("demo").innerHTML = foods;
}
</script>
```

```
</body>
</html>
```

```
3]
<html>
<body>
```

```
<p id="demo1"></p>
<p id="demo2"></p>
```

```
<script>
var foods = ["rice", "pizza", "sandwich", "rolls"];
document.getElementById("demo1").innerHTML = foods;
foods.shift();
document.getElementById("demo2").innerHTML = foods;
</script>
```

```
</body>
</html>
```

```
6) 1]
<html>
<body>
<button onclick="myFunction()">Try it</button>
<p id="demo"></p>
```

```
<script>
var fruits = ["Apple"];
document.getElementById("demo").innerHTML = fruits;
```

```
function myFunction() {
  fruits.unshift("Pineapple", "Lemon");
  document.getElementById("demo").innerHTML = fruits;
}
</script>
</body></html>
```

2]

<html>

<body>

<button onclick="myFunction()">Try it</button>

<p id="demo1"></p>

<script>

var fruits = ["Apple"];

document.getElementById("demo1").innerHTML = fruits;

function myFunction() {

fruits.push("Orange", "Peach");

document.getElementById("demo1").innerHTML = fruits;

}

</script>

</body>

</html>