

01)

```
<!DOCTYPE html>
<html>
<body>
<p id="demo"></p>
<script>
var cars = ["Saab", "Volvo", "BMW"];
document.getElementById("demo").innerHTML = cars;
</script>
</body>
</html>

<!DOCTYPE html>
<html>
<body>
<p id="demo"></p>
<script>
var cars = new Array("Saab", "Volvo", "BMW");
document.getElementById("demo").innerHTML = cars;
</script>
</body>
</html>
```

02) a)

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

```
<p>Click the button to return the highest number of 5 and  
10.</p>
```

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

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

```
<script>  
function myFunction() {  
    document.getElementById("demo").innerHTML = Math.max(5, 10);  
}  
</script>
```

```
</body>
```

```
</html>
```

b.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to return the lowest number of 5 and 10.</p>
```

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

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

```
<script>  
function myFunction() {  
    document.getElementById("demo").innerHTML = Math.min(5, 10);  
}
```

```
}  
</script>
```

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

03)

a.

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

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

```
<script>  
var fruits = ["Banana","strawberry", "Orange", "Apple", "Mango"];  
var first = fruits[3];  
document.getElementById("demo").innerHTML = first;  
</script>  
</body>  
</html>
```

b.

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

```
<script>
  var fruits = ["Banana", "Orange", "strawberry", "Apple", "Mango"];
  document.getElementById("demo").innerHTML = fruits.length;
</script>
</body>
</html>
```

c)

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

```
<script>
var fruits = ["Banana", "Orange", "Apple", "pineapple", "Mango"];
document.getElementById("demo").innerHTML = fruits;
```

```
function myFunction() {
  fruits.sort();
  fruits.reverse();
  document.getElementById("demo").innerHTML = fruits;
}
</script>
</body>
</html>
```

04)

```
<html>
```

```
<body>
```

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

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

```
<script>
```

```
var Num = [4,1,8,3,9,12];
```

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

```
function myFunction() {
```

```
Num.sort(function(a, b){return a - b});
```

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

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

5. <!DOCTYPE html>

```
<html>
```

```
<body>
```

```
<h2>JavaScript Arrays</h2>
```

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

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

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

```
<script>
```

```
var foods = [ "rice", "pizza", "sandwich", "rolls" ];
```

```
document.getElementById("demo").innerHTML = foods.pop;
```

```
document.getElementById("demo1").innerHTML = foods.push;
```

```
document.getElementById("demo2").innerHTML = foods.shift;
```

```
</script>
```

```
</body>
```

```
</html>
```

6.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

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

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

```
<script>
```

```
var fruits = [ "Apple"];
```

```
function myFunction() {
```

```
    document.getElementById("demo1").innerHTML = fruits.unshift("pineapple", "leamon");
```

```
    document.getElementById("demo2").innerHTML = fruits.push("orange", "peach");
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```