```
01) var car= [];
    var car= new Array();
```

```
02) <html>
<head><title></title>
</head>
<body>
<div id="demo1">hello</div>
<div id="demo2">hello</div>
<script>
var points = [40, 100, 1, 5, 25, 10];
document.getElementById("demo1").innerHTML = myArrayMax(points);

function myArrayMax(arr) {
return Math.max.apply(null, arr);
}
document.getElementById("demo2").innerHTML = myArrayMin(points);

function myArrayMin(arr) {
return Math.min.apply(null, arr);
}
</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>
// Create and display an array:
```

```javascript
var fruits = ["Banana", "Orange","Strawberry", "Apple", "Mango"];
document.getElementById("demo").innerHTML = fruits;

function myFunction() {
  // First sort the array
  fruits.sort();
  // Then reverse it:
  fruits.reverse();
  document.getElementById("demo").innerHTML = fruits;
}
</script>

</body>
</html>
```

04)
```html
<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>

05)
a)
<!DOCTYPE html>
<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>

b)
<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>


c)<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>

06)
   a)<html>
<body>
```

```html
<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>
```

b)
```html
<html>
<body>


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

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

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

function myFunction() {
  fruits.push("Orange","Peach");
  document.getElementById("demo").innerHTML = fruits;
```

```
    }
</script>

</body>
</html>
```