```html
<!-- Array object and methods-->
<html>
<head>
<script type="text/javascript">
var a=new Array(10);
for(var i=0;i<a.length;i++)
{
    a[i]=i+1;
    document.write(a[i]+"<br>");
}

var parents = new Array("Jani", "Tove");

var children = ["Cecilie", "Lone"];
var family = parents.concat(children);
document.write(family+"<br>");    // Jani,Tove,Cecilie,Lone

//Example 2:
var brothers = ["Stale", "Kai Jim", "Borge"];
var family = parents.concat(brothers, children);
document.write(family+"<br>"); //Jani,Tove,Stale,Kai Jim,Borge,Cecilie,Lone

//Example 3:
var fruits = ["Banana", "Orange", "Apple" ];
document.writeln(fruits.join() + "<br >"); //Banana,Orange,Apple
document.writeln(fruits.join("+") + "<br >"); //Banana+Orange+Apple
document.writeln(fruits.join(" and ")+ "<br>"); //Banana and Orange and Apple

var fruits = ["Banana", "Orange", "Apple", "Mango"];
document.writeln(fruits.pop() +"<br>"); //Mango //remove the last item
document.writeln(fruits+"<br>");//Banana,Orange,Apple
document.writeln(fruits.push("Lemon","Pineapple")+"<br>" ); //5
document.writeln(fruits+"<br>");//Banana,Orange,Apple, Lemon,Pineapple
document.writeln(fruits.reverse()+"<br>");//Pineapple, Lemon, Apple, Orange,Banana
document.writeln(fruits.shift()+"<br>" ); // Pineapple
document.writeln(fruits+"<br>");// Lemon, Apple, Orange, Banana
document.writeln(fruits.unshift("Kiwi","Pineapple") +"<br>"); //6

// added 5th  and 6th item
document.writeln(fruits+"<br>"); // Kiwi,Pineapple,Lemon,Apple,Orange,Banana
document.writeln("Search an array for the item Apple<br>");
   var fruits = ["Banana", "Orange", "Apple", "Mango"];
   var a = fruits.indexOf("Apple");
   document.writeln(a);
   var fruits = ["Banana", "Orange", "Apple", "Mango","Apple"];
   var a = fruits.lastIndexOf("Apple");
   document.writeln(a);

document.writeln("<br>Add items to the array at a positions:<br>");
    var fruits = ["Banana", "Orange", "Apple", "Mango"];
    fruits.splice(2, 0, "Lemon", "Kiwi");
   document.writeln(fruits);
document.writeln("<br>At position 2, add the new items, and remove 1 item:<br>");
    var fruits = ["Banana", "Orange", "Apple", "Mango"];
    fruits.splice(2, 1, "Lemon", "Kiwi");
    document.writeln(fruits);
var n = ["10", "5", "40", "25", "100", "1"];
document.write(n.sort()+"<br>");

var points = [40, 100, 1, 5, 25, 10];
points.sort(function(a, b){return a - b});
document.write(points+"<br>");
var points = [40, 100, 1, 5, 25, 10];
points.sort(function(a, b){return b - a});
document.write(points+"<br>");

var person={fname:"John",lname:"Doe",age:25};
```

```javascript
var x;
for (x in person)
{
document.write(person[x] + " "); // John Doe 25
}
document.write("<br>");
for(y in fruits)
{
document.write(fruits[y]+" ");
}
</script>
</head>
<body>
</body></html>
```