ARRAYS



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- Arrays: core
- Methods for creating arrays
- Mutable methods
- Immutable methods
- Methods for searching
- Methods for iterating



Jacobs to the stage of the stag

Data structure for storing list of values, identifier by index.



THE PROPERTY OF THE PROPERTY O

```
1 var arr = [1,2,3];
```



The state of the s

```
1 var arr = new Array(1,2,3);
```



search to their critical price of the search of the search

```
1 typeof [1,2,3];
```



search to the first of the search of the sea

```
1 Array.isArray([1,2,3]);
```



search to find critical product of the control of t

```
1 [1,2,3].length;
2
```



The state of the s

```
1 var arr = [1,2,3];
2 var first = arr[0];
3
```



THE PROPERTY OF THE PROPERTY O

```
1 var arr = [1,2,3];
2 arr[0] = 7;
3
```



METHODS FOR CREATING



from

split



section to the crossy general transport of the control of the cont

```
1 var arr = Array.of(7);
```



Search St. Monthson, and they control the search of the search St. Monthson St. Mon

```
1 var arr = Array.from('Content');
```



Account to globe cross, and security and sec

```
1 var names = 'Alex, Pitter, Oliver, Mark';
2
3 var arr = names.split(', ');
```



service to the color of the col

- fill
- pop
- push
- reverse
- sort
- splice
- shift
- unshift
- copyWithin



sector's to the creap gence. The mistries, the consideration of the consideration. The consideration of the consid

```
1 var arr = [1,2,3];
2 arr.fill(6);
3
```



I security to their draw, given my first the graph of the

```
1 var arr = [1,2,3];
2 arr.pop();
3
```



Teach on the Contract of the C

```
1 var arr = [1,2,3];
2 arr.push(4,5);
3
```



search to decrease, and a control of the control of

```
1 var arr = [1,2,3];
2 arr.reverse();
3
```



search to the creek year. The minds, The troublemans, The troublemans, The troublemans, The point plans The po

```
1 var arr = [3,2,7,1];
2 arr.sort();
3
```



search to the first and they considered and they considered and they considered and they considered and the considered and the

```
1 var arr = [1,3,4];
2 arr.splice(1,0,2);
3
```



search to find crise, y, or notes, And they gover the respect for the control of the control of

```
1 var arr = [1,2,3];
2 arr.shift();
3
```



Assert to plant Forey, CHE CONTROLLED AND STREET AND S

```
1 var arr = [2,3];
2 arr.unshift(1);
3
```



where the final field of the control of the control

```
1 var arr = [1,2,3,0];
2 arr.copyWithin(1,3); // [1, 0, 3, 0]
```



The order of the control of the cont

- concat
- flat
- flatMap
- join
- slice



Memory and the Green's green of the Control of the

```
1 var first = [1,2,3];
2 var second = [4,5,6];
3 var arr = first.concat(second);
4
```



reactive to the circle. general Transmission in the circle of the circl

```
1 var source = [1, 2, [3, 4]];
2 var destination = source.flat();
3
```



Facer to glide Group, The conditionation, The conditionation, Internationation of the conditionation of the condition of the conditi

```
1 var source = [1,2,3];
2 var destination = source.flatMap(function(item){
3   return [[item * 2]];
4 });
5
```



search to the cracy of colors and they give the respect for the colors of the colors o

```
1 var source = [1,2,3];
2 var str = source.join(' ');
3
```



Teach on the Contract of Contr

```
1 var source = [1,2,3,4];
2 var destination = source.slice(1,4);
3
```



METHODS FOR SEARCHING

- find
- findIndex
- indexOf
- lastIndexOf



Handrid to the Centry Gents. Yet middles, The service of the Centry The

```
1 var arr = [1,2,3,4,5];
2
3 var item = arr.find(function(element) {
4   return element > 2;
5 });
6
```



where the grant former is a proper of the control o

```
1 var arr = [1,2,3,4,5];
2
3 var item = arr.findIndex(function(element) {
4   return element > 2;
5 });
6
```




```
1 var arr = [1,2,3,4,5];
2
3 var item = arr.index0f(3);
4
```



The resident fields in the second state of the

```
1 var arr = [1,2,3,4,3];
2
3 var item = arr.lastIndexOf(3);
4
```



METHODS FOR ITERATING

- forEach
- filter
- map
- reduce
- reduceRight
- every
- some



Harmon's Englanders, Company of the Company of the

```
1 var arr = ['Alex', 'Pitter', 'Oliver'];
2
3 arr.forEach(function(item, i, arr) {
4   console.log( i + ': ' + item + ' (array:' + arr + ')' );
5 });
```



Secretary of the Greek of the Control of the Contro

```
1 var arr = [1, -1, 2, -2, 3];
2
3 var positiveArr = arr.filter(function(number) {
4   return number > 0;
5 });
```



Hazer's to the CEA's parties And the Service Committee C

```
1 var arr = ['HTML', 'CSS', 'JavaScript'];
2
3 var transformed = arr.map(function(name) {
4   return name.toLowerCase();
5 });
```



Team Yes (Med Persy). Team Standardsonson, for control of the Standardson, for control of the Standardson, for control o

```
1 var arr = [1, 2, 3];
2
3 var result = arr.reduce(function(sum, current) {
4   return sum + current;
5 }, 0);
```



Next of the Park of the Control of t

```
1 var arr = ['a', 'b', 'c'];
2
3 var result = arr.reduceRight(function(sum, current) {
4   return sum + current;
5 }, '');
```



Newer's to the Contract of the

```
1 var arr = [1, -1, 2, -2, 3];
2
3 var status = arr.every(function(n) {
4   return n > 0;
5 });
```



Here's to the CETA of the CETA

```
1 var arr = [1, -1, 2, -2, 3];
2
3 var status = arr.some(function(n) {
4   return n > 0;
5 });
```



HERE GOES!



