1)concat

var a=[1,2,3,4,5];a.concat(6,7);

output: (7) [1, 2, 3, 4, 5, 6, 7]

2)every

var a=[1,4,8,16,32];a.every(function(num){ return num>8;});

output: false

3)filter

var a=[1,4,8,16,32];a.filter ((num)=>{ return num>8;});

output: (2) [16, 32]

4)foreach

var a=[1,4,8,16,32]; a.forEach(function(item,index){console.log(index+" "+item);});

output: 0 1

1 4

2 8

3 16

4 32

5)indexOf

var a=[1,2,3,4,5];a.indexOf(3);

output:2

6)join

var a=[1,2,3,4,5];a.join(',');

output:"1,2,3,4,5"

7)lastIndexOf

var a=[1,2,3,3,3,4,5];a.lastIndexOf(3);

output:4

8)map()

var a=[“ab”,”abc”,”abcd”];

a.map(function(item,index,array){ console.log(item.length);});

output:2

3

4

9)pop()

var a=[1,2,3,4,5];a.pop();

output:5

10)push()

var a=[1,2,3,4,5];a.push(6,7);

output: (7) [1, 2, 3, 4, 5, 6, 7]

11)reduce

var a=[1,2,3,4,5]; let r=a.reduce(function(passedin,item){ return passedin+item;},0);

output:15

12)reduceRight

var a=[‘t’,’s’,’e’,’b’]; var s=a.reduceRight ((c,v)=>c+v);

output: "best"

13)reverse

var a=[1,2,3,4,5];a.reverse();

output: (5) [5, 4, 3, 2, 1]

14)shift

var a=[1,2,3,4,5];a.shift();

output:1

15)unshift

var a=[1,2,3,4,5];a.unshift(6,7);

output: (7) [6, 7, 1, 2, 3, 4, 5]

16)slice

var a=[1,2,3,4,5];a.slice(1,3);

output: (2) [2, 3]

17)toString

var a=[1,2,3,4,5];a.toString();

output: "1,2,3,4,5"

18)splice

var a=['a','b','c','d']; a.splice(2,1,'e','f');

output: (5) ["a", "b", "e", "f", "d"]

19)some

var a=['a','b','c','d']; var t=a.some(function(item,index){ console.log(index,item); return true;});

output: 0 "a"

20)sort

var a=[8,3,9,4,5];a.sort();

ouput:(5) [3, 4, 5, 8, 9]

21)toSource()

var arr=new Array(“A”,”b”,”c”);arr.toSource();

Output: [“A”,”b”,”c”]

2)difference between \r and \n

Based on os, In unix based system,we can use \n for end a line of text

In Dos,we can use \r\n for end a line of text

In Apple,Mac os and other system,used \r(ascii value 13) as delimiter.

\n- move to new line and \r – move the print head back to the starting of the line.