**Difference between \n and \r**

\n takes the cursor to the first position in the next line whereas \r takes the cursor to the first position in the same line and overwrites it.

Eg: printf(“kk\nll) will give output as

**kk**

**ll**

And printf(“kk\rll”) will give output as

**ll**

**Array methods:**

var a=[1,2,3,4,5,6,7,8,9];

var b=[11,12,13,14,15,16,17,18,19];

**Concat**

a.concat(b);

>(18) [1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19]

**Join**

a.join()

>"1,2,3,4,5,6,7,8,9"

**Pop and push**

a.pop()

>9

a.push(10)

>9

console.log(a)

> (9) [1, 2, 3, 4, 5, 6, 7, 8, 10]

**Shift and unshift**

a.shift()

>1

a.unshift(9)

>9

console.log(a)

>(9) [9, 2, 3, 4, 5, 6, 7, 8, 10]

**Sort**

var c=[2,3,44,55,3,3,2,11,5]

>undefined

c.sort()

>(9) [11, 2, 2, 3, 3, 3, 44, 5, 55]

**Reverse**

c.reverse()

>(9) [55, 5, 44, 3, 3, 3, 2, 2, 11]

**Slice:**

c.slice(1,5)

>(4) [5, 44, 3, 3]

**Splice:**

c.splice(1,2,4,5,6,7)

>(2) [5, 44]

console.log(c)

>(11) [55, 4, 5, 6, 7, 3, 3, 3, 2, 2, 11]

**toString**:

c.toString()

>"55,4,5,6,7,3,3,3,2,2,11"

**Reduce:**

x.reduce((i,j)=>{return i+j})

>19

**ReduceRight:**

x.reduceRight((i,j)=>{return j-i})

-5

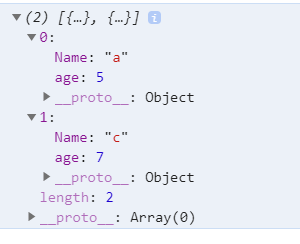
x.reduceRight((i,j)=>{return i-j})

-3

**Filter**

var y=[{Name:"a",age:5},{Name:"b",age:3},{Name:"c",age:7},{Name:"f",age:2}];

w=y.filter((i)=>(i.age>=5))



**Map:**

k=w.map((i)=>(i.Name))

(2) ["a", "c"]

**forEach:**

var q=[1,2];

var p=q.forEach((i)=>{console.log(i+1)})

> 2

3

**Some:**

q.some((i)=>(i>1))

>true

q.some((i)=>(i<1))

>false

**Every:**

q.every((i)=>(i>0))

>true

q.every((i)=>(i>1))

>false

**indexOf:**

var o=["apple","mango","nomah","banana","apple","orange"]

o.indexOf("apple")

>0

**lastIndexOf:**

o.lastIndexOf("apple")

>4