	Page No. Date
Episade	19
Ebizoge	A CONTRACT OF THE RESERVE OF THE RES
*	map, filter and reduce in javascript
*	map function
	map function is basically used to transform an array.
	example %-
	Const an = $[5,1,3,2,6];$
	[onsole.log(output);
	\$ 1 L 1132 7. 3 4 150 x 17 1 x 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	► (5) ["101", "1", "1", "10", "110"]
*	filter function
	filter function is basically used to filter.
	(onst on) = $[5,1,3,2,6]$; (onst output = one filter ((x) \Rightarrow x > 6):
-	(onst output = and filter ((x) => x>4); (onsole-log (output);
	#
	▶ (2) [5,6]

I

accumulator

reduce function

e×(I)

ex@

reduce function is used at a place where you and come up with a single value out of them-

(onst ars = [5,1,3,2,6];

(onst output = arr. reduce (function (acc, (urr))) acc = acc + (488;

return acc;

(onsole-log (output);

const ass = [4,21,30,20,10]; (on st output = arrived use (function(max, (urs)) {

if (curs > max) { max = (41) 3

return max; 3,0);

console. log (output);

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	Page No.)
	Date			
_		continue.		_

example of map function :-

const yoprs = [ffirst: "chaitanya", 195t: "last", age: 203,

ffisot: "akunal", laut: "saini", age: 263,
ffisot: "kunal", laut: "kushwaha", age: 203,

(onst output = usposs, map ((x)=> x.first + " "+

x. 105t); (onvole-log (output);

► (3) ["chaitanya tekane", "akshay saini"
"kunal kushwaha"]

* example of reduce function :-

Const Uspys = [

1 first: "(haitanya", age: 263,

1 fisot: "akohay", age: 753, 1 fisot: "elon", age: 503, 1 fisot: "deepika", age: 263,

	Page No.
	Date
	const output = usess. reduce (function (acc, (uss))
	if (acc[(unr.age]) {
	3 else 1
	acc[(unrage] = 1;
	3
	return acc;
	3, 23);
	(onsole·log(output);
	.11,
	► { 26:2,50:1,75:1}
	7 26:12, 30.1, 13.13
*	Chaining of filter and map function
,	
	ronst uspre=[
	2 first: "(haitanya", age: 263,
	first: "donald", age: 753,
	ífirot: "elon", age:503, ffirst: "deepika", age:263,
	(onst output = uspos.filtpo((x)=> x.age < 30)
	• map $((x) = 7 \times fixst)$;
	(on sole. log(output);
	Language configuration of the
	► (2) ["chaitonya", "deepika"]
	<u>-</u>
	instead of chaining here, we can also
	use reduce function only
	to get same output
	II.