

Subject : 2304CS431 – Client Side Scripting using Javascript

Faculty: Prof. Chirag K. Sakhrani

Practical - 12: Working with Arrays and Array Methods in JavaScript	
1)	WAP to create a static array of numbers and print the values using loop. (A)
	Program:-
	<pre>const numbers = [10, 20, 30, 40, 50]; for (let i = 0; i < numbers.length; i++) { console.log(`numbers[\${i}] : \${numbers[i]}`); }</pre>
	Output:-
	<pre>numbers[0] : 10 numbers[1] : 20 numbers[2] : 30 numbers[4] : 40 numbers[5] : 50</pre>
2)	WAP to create a static array of courses and print the values using forEach function. (A)
	Program:-
	<pre>const courses = ["b.tech", "BCA", "MCA", "Bsc(IT)", "Diploma"]; courses.forEach((item)=>{ console.log(item); })</pre>
	Output:-
	<pre>B.tech BCA MCA Bsc(IT) Diploma</pre>
3)	WAP to merge 3 static arrays using concat method. (A)
	Program:-
	<pre>const numbers = [10, 20, 30, 40, 50]; const courses = ["b.tech", "BCA", "MCA", "Bsc(IT)", "Diploma"]; const students = ["ram", "raj", "dev"] const newArr = numbers.concat(courses, students) console.log(newArr);</pre>
	Output:-
	[10, 20, 30, 40, 50, 'b.tech', 'BCA', 'MCA', 'Bsc(IT)', 'Diploma', 'ram', 'raj', 'dev']



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4)	WAP to pass array and a search value to function search and function will return the index position. (B)
	Program:-
	<pre>function searchEle(arr,ele){ for (let i = 0; i < arr.length; i++) { if (arr[i] == ele) { return i } } return -1 } console.log(searchEle([10, 20, 30, 40, 50],40));</pre>
	Ouput:- 3