Faculty: Prof. Chirag K. Sakhrani

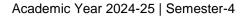


**Practical Solution** 

Subject: 2304CS431 - Client Side Scripting using

**Javascript** 

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





**Practical Solution** 

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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:-
	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));
	Ouput:- 3