

S. No	Code No	Program	Value	Use	Done By
1	1	Write a program to find the sum of all elements in an array.	[3, 7, 12, 5, 9]	loop	Me
2	2	Write a program to find the largest element in an array.	[14, 25, 8, 19, 32]	loop	Me
3	3	Write a program to find the smallest element in an array.	[5, 9, 2, 14, 7]	loop	
4	4	Write a program to find the average of all elements in an array.	[20, 30, 40, 50, 60]	loop	
5	12	Write a program to find the index of a specified element in an array.	[10, 20, 30, 40, 50]	loop	nk
6	16	Write a program to find the longest word in an array of strings.	["apple", "banana", "cherry", "blueberry"]	loop	Me
7	6	Write a program to merge two arrays into a single array.	[1, 2, 3] and [4, 5, 6]	loop,push	Me
8	10	Write a program to check if two arrays are equal.	[1, 2, 3] and [1, 2, 3]	loop	
9	13	Write a program to remove a specified element from an array.	[5, 3, 8, 9, 4]	loop,push	
10	14	Write a program to insert an element at a specified position in an array.	[1, 2, 4, 5, 6]	Loop	nk
11	15	Write a program to find the sum of elements at even indices and odd indices separately in an array and make new array of sum	[1, 2, 3, 4, 5, 6, 7, 8, 9]	loop, push	
12	17	Write a program to convert an array of strings into a single string.	["apple", "banana", "cherry"]	Nested loop	
13	5	Write a program to reverse an array.	[1, 2, 3, 4, 5]	loop,push	
14	7	Write a program to find the union of two arrays.	[1, 2, 3] and [3, 4, 5]	loop. includes, push	
15	8	Write a program to find the intersection of two arrays.	[1, 2, 3, 4] and [3, 4, 5, 6]	loop,push	
16	9	Write a program to find the difference between two arrays.	[1, 2, 3, 4, 5] and [3, 4, 5, 6, 7]	loop,include,push	
17	11	Write a program to flatten a nested array.	[[1, 2], [3, 4], [5, 6]]	Loop, Push	Me
18	18	Write a program to check if all elements in an array are positive.	[1, 2, 3, 4, 5]	loop	
19	19	Given an array of numbers, remove elements from index 2 to index 4 using the splice() method.	[10, 20, 30, 40, 50]	splice	nk
20	20	Given an array of strings, remove the last two elements using the splice() method.	s	splice	nk
21	21	Given an array of numbers, extract a portion of the array from index 1 to index 4 (inclusive) using the slice() method.	[10, 20, 30, 40, 50]	slice	nk
22	22	Given an array of strings, extract the last three elements using the slice() method.	['apple', 'banana', 'cherry', 'date', 'fig', 'hello', 'hi']	slice	nk
23	23	Given an array of numbers, create a new array containing only the elements from index 2 to the end of the array using the slice() method.	[10, 20, 30, 40, 50]	slice	
24	24	Write a program that removes the first occurrence of a specific element from an array using splice().	[1, 2, 3, 4, 5]	splice	
25	25	Given an array of numbers, write a program that removes all negative numbers from the array using splice().	[-3, 5, -7, -3, 2, -1, 8, 10]	splice loop	
26	26	Given an array of strings, that removes all elements that are shorter than a certain length using splice().	['apple', 'banana', 'kiwi', 'orange', 'grape']	splice loop	
27	27	split an array into chunks of a specified size. [[1, 2, 3], [4, 5, 6], [7, 8, 9]]	[1, 2, 3, 4, 5, 6, 7, 8, 9]	slice	