

Q #	Experiment Details	Input	Output
1.	WAP to create an array that can store N integers and display the contents of the array	Enter array size (N): 5  Enter number1: 45  Enter number2: 35  Enter number3: 38  Enter number4: 31  Enter number5: 49	Array Contents are:  45 35 38 31 49
2.	WAP to find out the sum of the N numbers stored in an array of integers.	Enter array size (N): 5  Enter number1: 45  Enter number2: 35  Enter number3: 38	Sum of the numbers stored in array: 198

		Enter number4: 31  Enter number5: 49	
3.	WAP to find the average of N numbers using arrays.	Enter array size (N): 5  Enter number1: 45  Enter number2: 35  Enter number3: 38  Enter number4: 31  Enter number5: 49	Average of the numbers stored in array = 39.6
4.	WAP to find the largest element stored in an array.	Enter array size (N): 5  Enter number1: 45  Enter number2: 35	Largest element stored in an array: 45

		Enter number3: 38  Enter number4: 31  Enter number5: 49	
5.	WAP to insert an element in an 1-D array.	Enter no of elements: 5  1 2 3 4 5  Enter the element to be inserted: 6  Enter the location: 2	The resultant array:    1 6 2 3 4 5
	<b>PRACTICE ASSIGNMENT</b>		
1.	WAP to search an element in an 1-D array.	<b>Set 1:</b>  Enter no of elements: 5  11 22 33 44 55  Enter the elements to be searched: 44  <b>Set 2:</b>	<b>Set 1:</b>  Number found at the location = 4    <b>Set 2:</b>

		Enter no of elements: 5  11 22 33 44 55  Enter the elements to be searched: 77	Number not found
2.	WAP to Count the total number of duplicate elements in an array.	Input the number of elements to be stored in the array: 5  Input 5 elements in the array:  element - 0: 1  element - 1: 1  element - 2: 2  element - 3: 3  element - 4: 3	Total number of duplicate elements found in the array: 2

3.	WAP to find out the multiplication of the numbers stored in an array of integers.	Enter array size: 5  Enter array elements: 1 2 3 5 6	Product of the array elements = 180
4.	WAP to find the second largest element in an array.	Input the size of array: 5  Input 5 elements in the array:  element - 0: 2  element - 1: 9  element - 2: 1  element - 3: 4  element - 4: 6	The Second largest element in the array is: 6

5.	WAP to delete an element at desired position from an array.	<p>Input the size of array: 5</p> <p>Input 5 elements in the array in ascending order:</p> <p>element - 0: 1</p> <p>element - 1: 2</p> <p>element - 2: 3</p> <p>element - 3: 4</p> <p>element - 4: 5</p> <p>Input the position where to delete: 3</p>	<p>The new list is:</p> <p>1 2 4 5</p>
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