

## Array Assignments

No.	Hands-on Assignment	Topics Covered	Status
1	Write a program to initialize an integer array and print the sum and average of the array	One dimensional Array	<input type="checkbox"/>
2	Write a program to initialize an integer array and find the maximum and minimum value of an array	One dimensional Array	<input type="checkbox"/>
3	Write a program to initialize an integer array with values and check if a given number is present in the array or not. If the number is not found, it will print -1 else it will print the index value of the given number in the array Ex1) Array elements are {1,4,34,56,7} and the search element is 90 O/P: -1 Ex2) Array elements are {1,4,34,56,7} and the search element is 56 O/P: 4	One dimensional Array	<input type="checkbox"/>
4	Initialize an integer array with ascii values and print the corresponding character values in a single row.	One dimensional Array	<input type="checkbox"/>
5	Write a program to find the largest 2 numbers and the smallest 2 numbers in the given array	One dimensional Array	<input type="checkbox"/>
6	Write a program to initialize an array and print them in a sorted fashion	One dimensional Array	<input type="checkbox"/>
7	Write a program to remove the duplicate elements in an array and print Eg) Array Elements--12,34,12,45,67,89 O/P: 12,34,45,67,89	One dimensional Array	<input type="checkbox"/>
8	Write a program to print the element of an array that has occurred the highest number of times Eg) Array -> 10,20,10,30,40,100,99 O/P:10	One dimensional Array	<input type="checkbox"/>
9	Write a program to print the sum of the elements of the array with the given below condition. If the array has 6 and 7 in succeeding orders, ignore 6 and 7 and the numbers between them for the calculation of sum. Eg1) Array Elements - 10,3,6,1,2,7,9 O/P: 22	One dimensional Array	<input type="checkbox"/>

	<p>[i.e 10+3+9]  Eg2) Array Elements - 7,1,2,3,6  O/P:19  Eg3) Array Elements - 1,6,4,7,9  O/P:10</p>		
10	<p>Write a program to reverse the elements of a given 2*2 array. Four integer numbers needs to be passed as Command Line arguments.</p> <p>Example1:</p> <p>C:\&gt;java Sample 1 2 3</p> <p>O/P Expected : Please enter 4 integer numbers</p> <p>Example2:</p> <p>C:\&gt;java Sample 1 2 3 4</p> <p>O/P Expected :</p> <p>The given array is :</p> <pre>1 2 3 4</pre> <p>The reverse of the array is :</p> <pre>4 3 2 1</pre> <pre>1      2      3      4 5      6      7      8 9      10     11     12</pre>	Two Dimensional Array	<input type="checkbox"/>
11	<p>Write a program to find greatest number in a 3*3 array. The program is supposed to receive 9 integer numbers as command line arguments.</p> <p>Example1:</p> <p>C:\&gt;java Sample 1 2 3</p> <p>O/P Expected : Please enter 9 integer numbers</p> <p>Example2:</p> <p>C:\&gt;java Sample 1 23 45 55 121 222 56 77 89</p> <p>O/P Expected :</p> <p>The given array is :</p> <pre>1 23 45 55 121 222 56 77 89</pre> <p>The biggest number in the given array is 222</p>	Two Dimensional Array	<input type="checkbox"/>