

WEEK 3 PRACTICE PROBLEMS (Array)

SL	Problem statement
1	<p>Write a program in C to store elements in an array and print it.</p> <p>Input : Enter the number of elements for your array: 5 Enter the array elements: 100 2 300 1 2</p> <p>Output: You entered the following array elements: 100 2 300 1 2</p>
2	<p>Write a program in C to copy the elements of one array into another array.</p> <p>Input : Enter the number of elements for your array: 5 Enter the array elements: 100 2 300 1 2</p> <p>Output: The elements in array 2 are as follows: 100 2 300 1 2</p>
3	<p>Write a program in C to find the sum of all elements of the array.</p> <p>Input : Enter the number of elements for your array: 5 Enter the array elements: 100 2 300 1 2</p> <p>Output: The sum of your array elements is : 405</p>
4	<p>Write a program in C that will reverse an array..</p> <p>Input : Enter the number of elements for your array: 5 Enter the array elements: 100 2 300 1 2</p> <p>Output: Your array after reversing: 2 1 300 2 100</p>
5	<p>Write a program in C to find the maximum and minimum element in an array.</p> <p>Input : Enter the number of elements for your array: 5 Enter the array elements: 100 2 300 1 2</p> <p>Output: The maximum element is 300. The minimum element is 1.</p>

WEEK 3 PRACTICE PROBLEMS (Nested Loops)

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	<table border="1"> <thead> <tr> <th data-bbox="196 205 690 241">Sample input</th><th data-bbox="690 205 1180 241">Sample output</th></tr> </thead> <tbody> <tr> <td data-bbox="196 241 690 520">9</td><td data-bbox="690 241 1180 520"> <pre> * *** ***** ***** ***** ***** ***** *** * </pre> </td></tr> <tr> <td data-bbox="196 520 690 615">3</td><td data-bbox="690 520 1180 615"> <pre> * *** * </pre> </td></tr> </tbody> </table>	Sample input	Sample output	9	<pre> * *** ***** ***** ***** ***** ***** *** * </pre>	3	<pre> * *** * </pre>
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