

4. Programs on Arrays

1.		Problem Statements	10
	a.	<p>Create array with heterogeneous values and display the values according to index. Also, count number of elements in the array. Print all elements in the array.</p> <p>I. Whether the scalar element is an array II. element exist in an array III. Key values exists in array</p>	2
	b.	Access grocery store array for Index (5) and Index (10) using loop statement. Array length is 20 and all array elements values are not stored in memory.	2
	c.	Access all students result (percentage) array using loop with respect to list pair. Display individual and complete list.	3
	d.	Store the array to the list of variables and display each values. Separately access all keys and values of the above student array.	3
2		Array _Functions	10
	a.	<p>Create a hash array of 5 students name. Display working of current, each, prev, next and reset function as per user choice. Remove alternate values defined in student array.</p> <p>Convert same array to string or vice-versa using built-in function.</p>	5
	b.	Create a vegetables array. Use push function to insert multiple new items this array. Using loop access all item and pop element one by one until it becomes an empty array. Use array_shift, array_unshift for same array.	5
3.	a.	<p>Write a program sort an associative array of grocery item and its price in different order as per user choice (switch statement).</p> <p>a. Using keys b. Using values c. Reverse the key order</p>	5
4		<p>EXTRA</p> <p>Create a two dimensional array to store marks and grade for three students in two subjects and display all values using loop for individual rows.</p>	-