Arrays

Day 11: Lab Assignments

Q#	Experiment Details	Input	Output
1.	WAP to create an array that can	Enter array size (N): 5	Array Contents are:
	store N integers and display the		
	contents of the array	Enter number1: 45	45 35 38 31 49
		Enter number2: 35	
		Enter number3: 38	
		Enter number4: 31	
		Enter number4: 51	
		Enter number5: 49	
2.	WAP to find out the sum of the	Enter array size (N): 5	Sum of the numbers
	N numbers stored in an array of	, , , , ,	stored in array: 198
	integers.	Enter number1: 45	, and the second
		Enter number2: 35	
		Enter number3: 38	
		T	
		Enter number4: 31	
		Enter number5: 49	
3.	WAP to find the average of N	Enter array size (N): 5	Average of the numbers
	numbers using arrays.		stored in array = 39.6
		Enter number1: 45	
		Enter number2: 35	
		D	
		Enter number3: 38	
		Enter number4: 31	
		Differ Humbert, 51	
		Enter number5: 49	
4.	WAP to find largest element	Enter array size (N): 5	Largest element stored
	stored in an array.	, ,	in an array: 45
		Enter number1: 45	
		Enter number2: 35	
		D	
		Enter number3: 38	

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		D	
		Enter number4: 31	
		Enter number5: 49	
5.	WAP to insert an element in an	Set 1:	
3.	1-d array.	Set 1:	
	1-u array.	Enter no of elements : 5	The regultent errors
		Effect no of elements . 5	The resultant array:
		12345	
		Enter the element to be	162345
		inserted : 6	101010
		Enter the location: 2	
	He	OME ASSIGNMENT	
1.	WAP to search an element in an	Set 1:	Set 1:
	1-d array.		
		Enter no of elements : 5	Number found at the
			location = 4
		11 22 33 44 55	
		Enter the elements to	
		be searched: 44	Set 2:
		Set 2:	Number not found
		Enter no of elements : 5	
		Enter no or elements: 5	
		11 22 33 44 55	
		11 22 00 11 00	
		Enter the elements to	
		be searched: 77	
2.	WAP to Count the total number		Total number of
	of duplicate elements in an		duplicate elements
	array.	Input the number of	found in the array: 2
		elements to be stored in	
		the array :5	
		Input 5 elements in the	
		array:	
		element - 0 : 1	
		element - 1 : 1	
		-1	
		element - 2 : 2	

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		element - 3 : 3	
		element - 4 : 3	
3.	WAP to find out the	Set 1:	Set 1:
	multiplication of the numbers stored in an array of integers.		
		Enter array size: 5	Product of the array elements = 180
		Enter array elements: 1 2 3 5 6	
4.	WAP to find the second largest element in an array.	Input the size of array: 5	The Second largest element in the array is:
		Input 5 elements in the array:	O
		element - 0 : 2	
		element - 1 : 9	
		element - 2 : 1	
		element - 3 : 4	
		element - 4 : 6	
5.	WAP to delete an element at desired position from an array.	Input the size of array: 5	Input the position where to delete: 3
		Input 5 elements in the array in ascending	
		order:	The new list is: 1 2 4 5
		element - 0 : 1	
		element - 1 : 2	
		element - 2 : 3 element - 3 : 4	
		element - 4 : 5	
		1	