

Lab Assignment 6

1. WAP asking the user to input n number of integers then find and display the repeating numbers from the list given below. Use malloc() function.
Input = [12, 13, 15, 1, 14, 12, 11, 9, 6, 15, 10, 6, 2]
Would result in the following output = [12, 15, 6]
2. WAP to create 3D array asking the user to input all the array element using the calloc() function. Use pointer to store the address of element of array.
3. WAP to ask the user to input n numbers of integers then return the product, mean and standard deviation of those integers. Create a function to perform those mathematical operations and then print the results in main(). [Use pointer].
4. WAP to rotate an array n number of times from left to right taking 2 elements from array at one time.
Example input= [1, 2, 3, 4, 5]
Example output= [3, 4, 5, 1, 2]
5. First dynamically allocate n number of integers using the malloc() and calloc() function. Then display the result showing the memory has been successfully allocated using those function. At the end dynamically de-allocate the memory. [Ask the input from the users and display it.]