

Assignment 4:

(1) C Program to compute sum of the array elements using pointers.

(2) C Program to find length of a given string using pointer.

(3) C Program to read 10 integers into an array from user and print them in reversing order using pointers.

(4) C function to get the value of the smallest element in array using pointers.

(5) C function to **copy** all elements **of an array into another array** using pointers. The two arrays have the same length and types.

(6) C Program to print all the array elements and the maximum number in array **using array of pointers**.

(7) C function to swap two numbers using bitwise operation and call it using pointer to function.

(8) Write a C function to swap the contents of two arrays with the same length using pointers.

(9) Given a string, create a new string made up of its last two letters, reversed and separated by a space, the word is "bat". Return string contains "t a"

(10) Write a c function two SWAP two pointers.
Hint: use pointer to pointer as a function argument.

(11) Write a c program that SWAP the value of the two 16-bits of 32-bits integer number.

(12) Array that contains integer values, some of these values are repeated with an even number of repetitions, and only one value is repeated with an odd number of repetitions. Write a C function that's take the array as input and the array size and return the number which has odd numbers of repetitions.

Thanks and Good Luck

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