

Practice questions v9

Arrays and Pointers

Integer Arrays/Pointers.

- Write a program that output the contents of integer array of size 10.
- Write a program that finds the minimum value of the array.
- Write a program that finds the maximum value of the array.
- Write a program that searches an element in of the array.
- Write a program that finds the sum of all the elements of the array.
- Write a program that multiplies only the first and last index element of the array and print

its multiplication. For example:

If the array contains 2,4,5,7,8,1,3 then the program will multiply first index value that is 2 and last index value that is 3 and print $2*3=6$

- Write a program that searches an element in the array and return the count (number of times the specific element occurs in an array).
- Write a program that finds the sum of all the elements of the array except the largest one and compare whether the sum of all other elements is greater than the maximum or not.

Character Arrays/Pointers

- Write a program that inputs a string from the user and determine its length.
- Write a program that inputs two strings and concatenate them.
- Write a program that inputs a string and copy it to another string.

- Write a program that inputs two strings and compare that whether they are same or not.

Instructions:

- ✓ Firstly try to attempt these questions by taking arrays, and code everything in main.
- ✓ Now use functions and arrays to achieve above tasks.
- ✓ Lastly use functions and pointers to achieve all above tasks.

I hope after this practice you will feel comfortable with the pointers, arrays and functions. If you have any confusion please feel free to ask any time.