

Lab Project 6

Functions and Arrays

- Write a function to create an integer array based on an input integer array (an original array).
 - The original array is created in **main**.
 - The size of the original array is determined by a user.
 - In the original array, the content of element **i** is the integer value **i** plus a random number from 1 – 99.
 - The new array is ten elements larger than the original array.
 - The contents of the first ten elements of the new array should be random numbers from 20 – 120.
 - The content of element 0 of the original array should be copied to element 10 of the new array, and respectively.
 - Sort the new array in ascending order by **Insertion Sort** Algorithm.
- Write a C++ program to test the function and print out the content of each element in the new array in **main**.