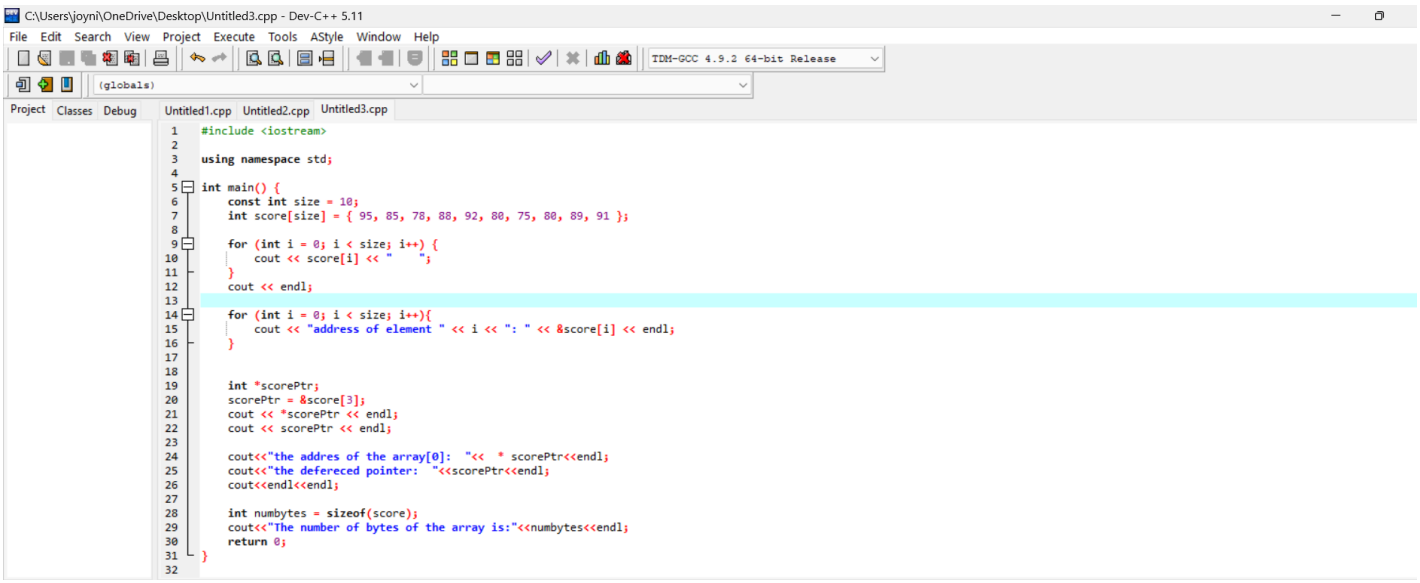
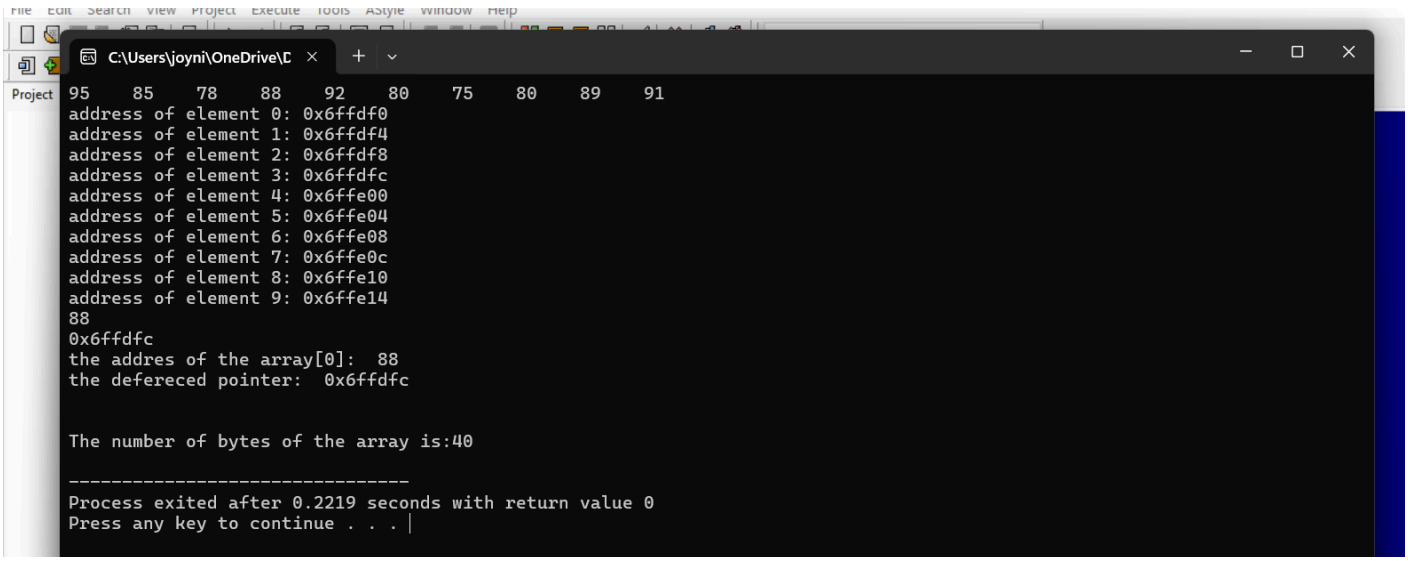
Activity No. n4.2 Sitwork	
Replace with Title	
Course Code: CPE007	**Program:** Computer Engineering
Course Title: Programming Logic and Design	**Date Performed: 09/18/25**
Section: CPE11S1	**Date Submitted:09/18/25**
Name(s): Candy M. Nieles	**Instructor: Engr. Jimlord M. Quejado**
6. Output	

INPUT:



0UTPUT:



EXPLANATION: The C++ code in the image is a basic program that demonstrates several key concepts: arrays, loops, pointers, and memory size.Variable Declarations and Array InitializationThe code starts by declaring and initializing a few variables.The const int size = 10; line declares a constant integer variable named size and sets its value to 10. This is a good practice as it makes the array size easily modifiable in one place.He next line, int score[size] = { 95, 85, 70, 88, 92, 80, 75, 80, 89, 91 };, declares an integer array named score with a size of 10. It then initializes the array with 10 specific integer values, which could represent student scores.

7. Supplementary Activity
Arrays store multiple elements of the same data type in contiguous memory.Each element in an array is stored in contiguous memory, and each element has its own distinct.Address operator it assigned to a pointer variable of the appropriate type. To initialize a pointers the primary use is obtain the memory address of variable to initialize the pointers. Sorting addresses, in C++ language it's focus on sorting the data that the addresses point to.This is a common practice in data structures like linked lists or when working with dynamic arrays, as it allows for efficient manipulation of data without the overhead of moving the actual objects in memory.
8. Conclusion