

Introduction to Computers and Programming

Homework 5 (Week 6)

Due date: 2020/11/05(Thu.)

1.

Given an 6 number array, write a program to reverse it using pointers or address within the for loop. (hint: if you want to know the size of variable, check out the sizeof() function)

Input : array = 2, 4, -6, 5, 8, -1

Output : reverse_array = -1, 8, 5, -6, 4, 2

2.

Write a program that asks the user to enter a series of integers (which are stored in an array), then sorts the integers by using the method bubble-sort. Your input of the function you call should include int* which is an array pointer that stores your initial data and an integer n showing the length of the array.

sort your input array iteratively with the function void ptr_bubble_sort(int *target, int n). Your input of the function you call should include int* which is an array pointer that stores your initial data and an integer n showing the length of the array. The pointer target should be the pointer to the array where you store and sort your input data.



Input:

Enter the size of the array: 6

Enter the numbers of src: 4 3 3 5 -1 10

Output:

target: -1 3 3 4 5 10