COMP-8567 ASP

Section -1

Fall 2022

In-Class Lab 1 (Pointers and Functions)

1) Create an array of integers named **a1** <u>dynamically</u> at run-time with 10 elements and assign any **non-zero positive** integer value to the array elements **(using dereferencing only)** //In the main function

   a. Create a function **void reversedisplay(int * p, int size)**

      i. The first parameter accepts the pointer to an array

      ii. The second parameter accepts the number of elements to the printed

   The function should display the array referenced by pointer p in the reverse order **(using dereferencing only)**

   b. In the main function, declare a **pointer to a function** named **pf** that points to any function that returns void and accepts a pointer to an integer and an integer as its two parameters. Use **pf** to display the contents of array a1.