**Problem 19.1**

Implement the swapping of two integers in functions by using both approaches of passing parameters, i.e. 1. Pass by value, 2. Pass by reference. Observe the difference between the two approaches by displaying the values of the two parameters before and after calling fucntions with both approaches.

**Problem 19.2**

Practice of creating and using custom header files. Create a custom header file with the prototype of swap function (pass by reference version) of above program. Also create corresponding C file to contain its definition. Now, include the header file in your main source code file and call the swap function to demonstrate its usage.

**Problem 19.3**

Hint: Accessing array elements using pointer notation: point the pointer to starting address of array, then use \*(ptr +i) to access the value of ith element of the array.

Complete the following tasks using pointer notation to access array.

1. Input an array using pointer notation and then print the array using pointer notation.
2. Input an array using pointer notation and print the array in reverse using pointer notation.