**Lab 9 Nested Struct**

In this program, you will implement a FIFO or FCFS Queue.

The data:

1. Define a structure named ***Customer*** with four members:

***CustomerName***: 15-character string, which is the name of the customer

***ArrivalTime***: integer, which is the arrival time of the customer

***ServiceTime***: integer, which is the time point that the customer starts to be serviced

***FinishTime***: integer, which is the leaving time of the customer

1. Define a structure named ***FCFSQueue*** with two members:

***CustomerList***: an array of 100 elements of type Customer;

***length***: integer, which is the number of the customers in the queue.

This program has four functions:

1. function ***IsEmpty*** check whether the queue is empty or not. Return true if empty, otherwise return false;
2. function ***GetLength*** will returns the number of customers in the queue;
3. function ***Enqueue*** will insert a new customer to the tail of the queue;
4. function ***Dequeue*** will remove a customer from the head of the queue.

Your main program will test these functions.