# Programming Assignment 3

Using the same employee class developed in the Week 2 programming assignment, develop a new program that simulates the hiring and processing of new employees for your company. The queue should be a First In First Out (FIFO) based queue.

## Input

Data about current employees should be on the file "Employee.txt". **You will need to create your own employee file and submit it with the final project**.

Each employee should have the following attributes:

* Employee\_Number Integer
* Employee\_Last\_Name String
* Employee\_First\_Name String
* Employee\_Years\_of\_Service Integer

3 employees must be loaded from the Employee.txt file on program start up.

## Functionality

|  |  |
| --- | --- |
| **Command** | **Processing** |
| ADD NEW EMPLOYEE | Allows the user to “Add” add a new employee to the queue |
| REMOVE EMPLOYEE | Allows the user to “Remove” an employee from the queue |
| SIZE | Returns the number of Employees in the queue |
| QUIT | Stops processing |

## Output

All output should be on the console.

## Data Structures

This program should implement a queue as a linked structure (5.4).

## Deliverables

* Neat and well commented program
* Complete zipped Visual Studio Project