# Programming Assignment 2

Your assignment is to implement a singly linked pointer based list using an employee class. The employee class should contain the employee information listed in the “input” section below. The program should contain all functions listed in the functionality section below.

## 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 | Allows the user to “Add” an employee to the list |
| REMOVE | Allows the user to “Remove” an employee from the list |
| COUNT | Returns the number of employees in the list |
| PRINT | Prints the employee information in the list to the console |
| QUIT | Stops processing |

## Output

All output should be on the console.

## Data Structures

This program should utilize a singly linked pointer based list.

## Deliverables

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