

Homework Assignment #7

Employee Management Program

- 1) Write a code to implement the **structure data type Employee**. Employee has three members: **int employeeId**, **string employeeName** and **string departmentName**.
- 2) Implement a function **saveEmployee** that accepts **fstream fileStream** and **Employee emp** as arguments. The function will use fileStream to write emp. The data will be written by using the **append mode** and the following format: **employeeId;employeeName;departmentName**.
- 3) Implement a function **getEmployeeList** that has the arguments: **fstream fileStream** and **int n**. The function will return an array **employeeArray of length n**. The function will read n employees from the file and save them in employeeArray. (you will use the string functions to parse each line)
- 4) In the main function, you ask the user to enter the number of Employee records that he wants to save and the file name that he wants to use. You will use the file name to create an ofstream object. After finishing the writing operation, you will **use the same stream object** to read all the saved records and display them on the console. The ofstream object will be closed after finishing the reading and writing operations.

Submit **employee.cpp** file, the **due date is Sunday, November 16, 2014**.