Project due Feb. 2, 2015 12:30pm.

Write a c++ program that inputs (at most 50) records from a sequential file.

Use the following structure definition in your program.

Write a c++ program to insert the records into an order (single) linked list (ordered by Last\_name in alphabetical order). Then print the records starting at the head of the list and traversing to the end of the list.

Struct listnode {

char last\_name [15];

char first\_mame[15];

unsigned month;

unsigned day;

unsigned year;

float annual\_salary;

char dept\_code; // Note: may be enter in either upper or lower case

char phone\_number[12];

struct listnode \*nextptr; //pointer to next node in list

}; // end structure listnode

typedef struct listnode ListNode; //synonym for struct listnode

typedef ListNode \*ListNodePtr; // synonym for ListNode\* (pointer to Listnode)

sample data

Smith Joe 12 10 1990 45000.00 a 850-789-1234

Williams keth 01 19 1990 23500.00 B 895-422-9404

print the following report.

Employee Report

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Last First Date of Annual Department Employee

Name Name birth salary code Age\*

Smith J. Dec. 10, 1990 $45,000.00 A 23

Williams K. Jan. 19, 1990 $23,500.00 B 24

etc.

Total Salaries $999,999.99

\*age rounded to the nearest year